S6270-1

Ohio Labor Market Information

Labor Market Review

December 1990

Summary. The seasonally adjusted unemployment rate in Ohio rose from 5.5 percent in November to 5.8 percent in December 1990. The national rate moved from 5.9 percent to 6.1 percent over the month. Total employment in Ohio increased 35,000 from November to 5,180,000 in December. There were 317,000 unemployed Ohioans in December, up 20,000 from November. Total nonagricultural wage and salary employment (seasonally adjusted), at 4,938,000 in December, was up 3,000 from November due to increases in service-producing industries. (See page 3.)

Goods-Producing Industries. Employment in goods-producing industries was down 2,000 from November to 1,321,000 in December. The decrease occurred in durable-goods manufacturing as declines of 1,000 were noted in stone, clay, and glass products and in primary metal industries. Nondurable-goods manufacturing employment was virtually unchanged from November. Mining, at 18,000, and construction, at 200,000, were also on par with their November employment levels.

Service-Producing Industries. There were 3,618,000 people employed in service-producing industries in December, up 5,000 from November. Gains in health services helped to increase employment in services 4,000 over the month. Transportation and public utilities and wholesale trade each rose 1,000. Little change in employment was seen in retail trade, finance, insurance, and real estate, or government.

Over the Year. Ohio's unemployment rate decreased from 6.1 percent in December 1989 to 5.8 percent in December 1990. The national rate rose from 5.3 percent to 6.1 percent during the same period. Total employment in Ohio was up 70,000 from December 1989, while total unemployment was 15,000 lower. Nonfarm payroll employment increased 76,000 over the year. Services added 47,000 jobs, while retail trade increased 19,000. Employment in government advanced 14,000 over the year. Wholesale trade, finance, insurance, and real estate, construction, and transportation and public utilities had small gains from December 1989. Declines in transportation equipment, industrial machinery and equipment, fabricated metal products, and electronic and other electric equipment helped to lower manufacturing employment 16,000 over the year. Mining employment was virtually unchanged.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio earned an average of $544.42 per week in December, down $3.42 from November. Their average workweek of 42.4 hours was 0.3 hours shorter. Several durable-goods industries had lower earnings due to less overtime. The most significant were fabricated structural metal products, iron and steel foundries, general industrial machinery, and blast furnace and basic steel products.

Ohio Bureau of Employment Services
George V. Voinovich, Governor James Conrad, Administrator

Benefits and Costs. There were 131,641 initial claims filed under the Ohio Unemployment Compensation Law in December, up 40.8 percent from November, and up 28.1 percent from December 1989. Total benefits paid rose 23.7 percent to $69.1 million. The average weekly benefit check of $176.02 was $3.80 higher than in November. The average weekly number of benefit recipients, at 96,004, increased 34.0 percent. At the end of December, there were 207,701 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services assisted 26,834 new job applicants in December, down 4.9 percent from November, and down 1.2 percent from December 1989. The Employment Services Division made 12,788 job referrals in December, down 22.4 percent from November. Total placements declined 2.9 percent over the month to 3,303.

Collection Method Alternatives For the *Report on Employment, Payroll, and Hours*

Service-sector employers of one hundred or more workers will soon be given the opportunity to report their monthly data by telephone at a convenient, prearranged time. Interviewers will telephone employers once each month to collect data, doing away with the familiar but less efficient mailed shuttle schedule.

If you are a large employer in services, information on this pilot project will be reaching your mailbox in the near future.

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Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Dec. 1990	Nov. 1990	Dec. 1989	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,497	5,442	5,442	55	55	1.0	1.0
Employment	5,180	5,145	5,110	35	70	.7	1.4
Unemployment	317	297	332	20	-15	6.7	-4.5
Unemployment Rate	5.8	5.5	6.1				
Employer Survey Data[e]							
Total	4,938	4,935	4,862	3	76	.1	1.6
Goods-Producing Industries	1,321	1,322	1,334	-2	-14	-.1	-1.0
Mining	18	18	18	0	0	.6	-1.3
Coal Mining	7	7	8	0	0	-.4	-2.4
Oil and Gas Extraction	5	5	6	0	0	.4	-2.6
Construction	200	200	197	0	2	.0	1.1
General Building Contractors	47	47	47	0	0	.8	-.5
Heavy Construction, Except Building	22	23	23	0	-1	-1.5	-4.0
Special Trade Contractors	130	130	127	0	3	-.1	2.6
Manufacturing	1,103	1,105	1,119	-2	-16	-.2	-1.4
Durable Goods	728	730	748	-2	-20	-.3	-2.6
Lumber and Wood Products	23	23	23	0	1	.4	3.6
Furniture and Fixtures	15	15	16	0	0	.1	-2.0
Stone, Clay, and Glass Products	44	45	45	-1	-1	-1.5	-2.4
Primary Metal Industries	99	100	101	-1	-2	-1.2	-1.6
Fabricated Metal Products	132	132	135	0	-3	-.2	-2.4
Industrial Machinery and Equipment	163	163	168	0	-4	-.1	-2.6
Electronic and Other Electric Equipment	76	75	79	0	-3	.3	-4.3
Transportation Equipment	135	135	140	0	-5	-.1	-3.6
Instruments and Related Products	25	25	27	0	-1	.6	-4.1
Nondurable Goods	375	375	371	0	4	.0	1.0
Food and Kindred Products	65	64	63	0	1	.4	2.0
Apparel and Other Textile Products	15	15	15	0	0	.3	.7
Paper and Allied Products	38	38	38	0	0	-.5	1.2
Printing and Publishing	76	76	74	0	2	.2	2.7
Chemicals and Allied Products	67	67	66	0	2	.3	2.5
Rubber and Misc. Plastics Products	95	96	97	0	-2	-.3	-1.7
Service-Producing Industries	3,618	3,613	3,527	5	90	.1	2.6
Transportation and Public Utilities	221	220	218	1	2	.4	1.1
Transportation	131	130	128	1	3	.5	2.5
Communications, Electric, Gas Services	90	90	91	0	-1	.3	-.9

See footnotes on page 4.

Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Dec. 1990	Nov. 1990	Dec. 1989	From Last Month	From Last Year	From Last Month	From Last Year
Wholesale Trade	274	273	268	1	6	.2	2.2
Wholesale Trade-Durable Goods	173	173	170	0	3	.1	1.7
Wholesale Trade-Nondurable Goods	101	101	98	0	3	.5	2.9
Retail Trade	938	938	919	0	19	.0	2.0
Building Materials and Garden Supplies	36	36	35	0	1	.5	2.9
General Merchandise Stores	126	126	126	0	-1	-.1	-.4
Food Stores	144	144	142	0	2	-.1	1.5
Automotive Dealers and Service Stations	102	102	101	0	1	-.1	.9
Apparel and Accessory Stores	53	54	50	0	4	-.2	7.8
Furniture and Homefurnishings Stores	34	34	33	0	1	-.5	3.8
Eating and Drinking Places	318	318	315	0	4	.0	1.2
Miscellaneous Retail	124	124	118	0	6	.1	5.3
Finance, Insurance, and Real Estate	257	258	255	0	3	-.1	1.1
Finance	121	121	120	0	1	-.3	.7
Depository Institutions	91	91	91	0	0	-.4	-.1
Insurance	93	93	92	0	1	.1	1.0
Real Estate	44	44	43	0	1	.1	2.4
Services	1,203	1,199	1,156	4	47	.3	4.0
Hotels and Other Lodging Places	39	39	38	0	1	.9	3.1
Personal Services	55	55	55	0	1	.7	1.2
Business Services	221	221	209	0	13	.2	6.0
Amusements, Including Motion Pictures	60	60	53	0	7	-.4	13.1
Health Services	404	402	390	2	14	.5	3.5
Legal Services	31	31	29	0	2	.3	5.4
Educational Services	61	61	60	0	1	.0	1.5
Social Services	77	77	74	0	3	.6	3.7
Membership Organizations	81	81	80	0	1	.2	1.4
Engineering and Management Services	90	90	87	0	3	.2	2.9
Government	725	725	711	0	14	.0	2.0
Federal Government	93	94	96	-1	-3	-.7	-3.3
State Government	166	166	160	0	6	.0	3.6
State Government Education	88	88	84	0	4	-.1	4.6
Local Government	466	465	454	1	12	.1	2.6
Local Government Education	273	272	266	0	6	.1	2.4

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of approximately 12,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates
(In Thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
5,350	5,060	290	5.4	5.3	1988 December
					1989
5,399	5,078	321	5.9	5.4	January
5,386	5,109	277	5.1	5.2	February
5,403	5,116	287	5.3	5.0	March
5,374	5,090	284	5.3	5.3	April
5,409	5,116	293	5.4	5.2	May
5,445	5,142	303	5.6	5.3	June
5,420	5,124	296	5.5	5.3	July
5,427	5,162	265	4.9	5.3	August
5,441	5,153	288	5.3	5.3	September
5,462	5,135	327	6.0	5.3	October
5,415	5,081	334	6.2	5.3	November
5,442	5,110	332	6.1	5.3	December
					1990
5,428	5,060	366	6.7	5.3	January
5,372	5,061	311	5.8	5.3	February
5,402	5,107	295	5.5	5.3	March
5,417	5,098	319	5.9	5.4	April
5,428	5,107	321	5.9	5.3	May
5,419	5,135	284	5.2	5.3	June
5,411	5,104	307	5.7	5.5	July
5,446	5,174	272	5.0	5.6	August
5,450	5,166	284	5.2	5.7	September
5,470	5,145	325	5.9	5.7	October
5,442	5,145	297	5.5	5.9	November
5,497	5,180	317	5.8	6.1	December

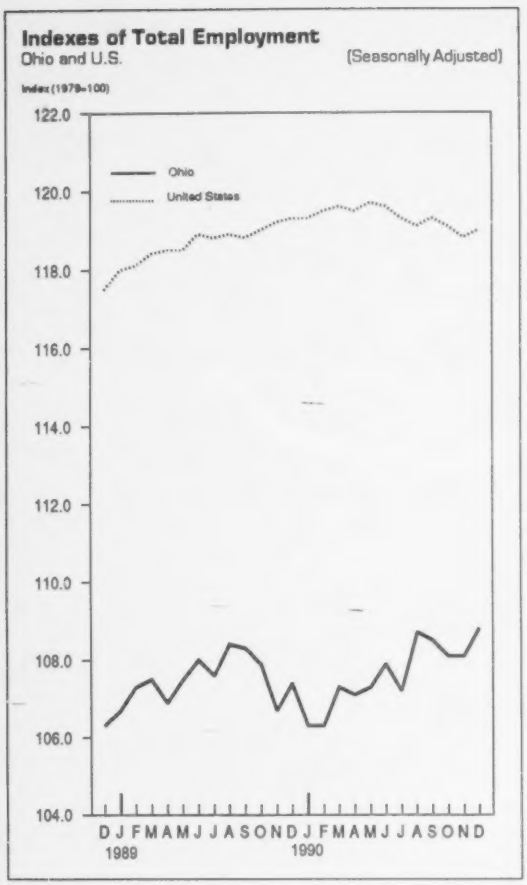
Ohio Nonagricultural Wage and Salary Employment
(In Thousands)

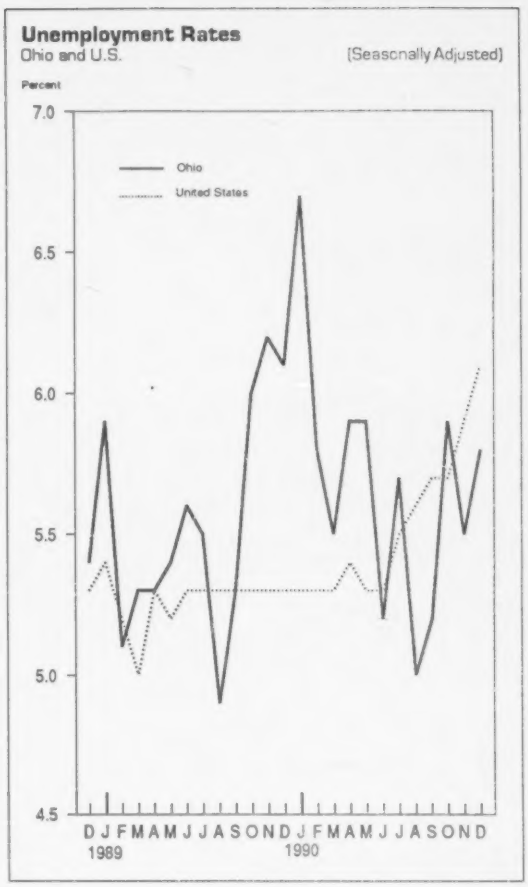
Nonagricultural Employment					
	Goods-Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
4,761	1,329	18	188	1,123	1988 December
					1989
4,775	1,338	18	191	1,128	January
4,796	1,340	18	194	1,128	February
4,817	1,342	18	194	1,130	March
4,791	1,336	18	193	1,125	April
4,795	1,332	18	190	1,125	May
4,809	1,335	18	192	1,126	June
4,809	1,325	15	192	1,118	July
4,828	1,335	18	193	1,124	August
4,835	1,334	18	193	1,122	September
4,834	1,324	18	194	1,112	October
4,850	1,332	18	196	1,110	November
4,862	1,334	18	197	1,119	December
					1990
4,848	1,312	18	198	1,097	January
4,892	1,341	18	199	1,124	February
4,905	1,340	18	200	1,122	March
4,904	1,340	18	199	1,122	April
4,917	1,337	18	198	1,121	May
4,928	1,341	18	199	1,124	June
4,928	1,334	18	198	1,118	July
4,938	1,338	18	200	1,120	August
4,936	1,335	18	199	1,117	September
4,944	1,335	18	198	1,120	October
4,935	1,322	18	200	1,105	November
4,938	1,321	18	200	1,103	December

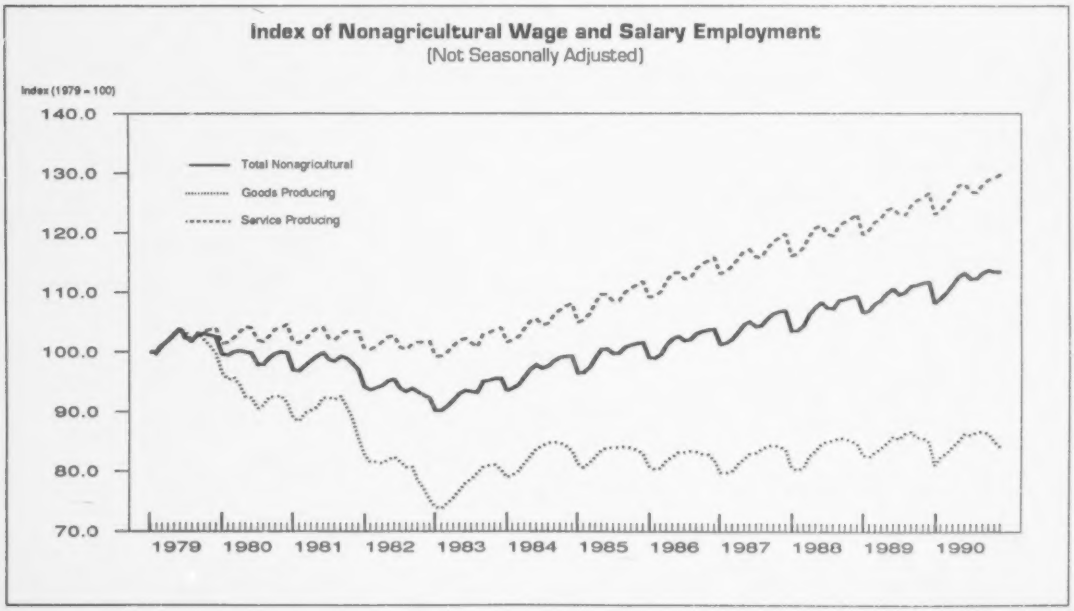
Service-Producing Employment
(In Thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
3,432	214	1988 December	260	886	250	1988 December	1,123	700
		1989				1989		
3,437	215	January	261	889	250	January	1,124	699
3,456	215	February	261	897	251	February	1,130	701
3,475	215	March	262	905	252	March	1,137	703
3,455	215	April	261	896	251	April	1,131	702
3,463	215	May	262	896	251	May	1,133	704
3,474	215	June	263	900	252	June	1,138	704
3,484	215	July	264	904	253	July	1,141	707
3,494	216	August	265	906	253	August	1,145	708
3,501	216	September	266	909	254	September	1,148	708
3,509	217	October	267	913	254	October	1,148	711
3,518	217	November	267	916	255	November	1,152	710
3,527	218	December	268	919	255	December	1,156	711
		1990				1990		
3,535	219	January	269	926	256	January	1,154	711
3,551	219	February	269	931	257	February	1,159	717
3,565	220	March	270	934	257	March	1,166	718
3,564	218	April	270	932	257	April	1,168	719
3,580	218	May	271	933	257	May	1,172	728
3,587	219	June	272	937	257	June	1,177	725
3,594	218	July	273	937	257	July	1,182	726
3,601	218	August	274	939	257	August	1,189	724
3,602	220	September	274	938	257	September	1,191	723
3,609	219	October	273	937	258	October	1,196	725
3,613	220	November	273	938	258	November	1,199	725
3,618	221	December	274	938	257	December	1,203	725

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.


Indexes of Total Employment
Ohio and U.S.
(Seasonally Adjusted)
Index (1979=100)
122.0
120.0
118.0
116.0
114.0
112.0
110.0
108.0
106.0
104.0
Ohio
United States
D J F M A M J J A S O N D J F M A M J J A S O N D
1989
1990


Unemployment Rates
Ohio and U.S.
(Seasonally Adjusted)
Percent
7.0
6.5
6.0
5.5
5.0
4.5
Ohio
United States
D J F M A M J J A S O N D J F M A M J J A S O N D
1989
1990


Index of Nonagricultural Wage and Salary Employment
(Not Seasonally Adjusted)
Index (1979 = 100)
140.0
130.0
120.0
110.0
100.0
90.0
80.0
70.0
Total Nonagricultural
Goods Producing
Service Producing
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates
(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,232	4,806	425	8.1	7.0	1986
5,253	4,886	367	7.0	6.2	1987
5,322	5,002	320	6.0	5.5	1988
5,419	5,118	300	5.5	5.3	1989
5,421	5,094	328	6.0	5.1	1989 December
5,391	4,979	412	7.6	5.9	1990 January
5,344	4,998	346	6.5	5.8	February
5,353	5,035	318	5.9	5.4	March
5,373	5,071	302	5.6	5.2	April
5,409	5,104	305	5.6	5.1	May
5,481	5,179	302	5.5	5.3	June
5,472	5,194	278	5.1	5.5	July
5,504	5,245	258	4.7	5.4	August
5,436	5,177	259	4.8	5.5	September
5,493	5,187	306	5.6	5.4	October
5,463	5,176	287	5.3	5.8	November
5,484	5,169	315	5.7	5.9	December

Ohio Nonagricultural Wage and Salary Employment
(in thousands)

Nonagricultural Employment					
	Goods–Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
4,484.8	1,596.8	31.6	182.9	1,382.3	1979
4,367.4	1,462.5	30.7	167.4	1,264.3	1980
4,317.7	1,417.0	30.7	153.7	1,232.6	1981
4,124.3	1,264.8	30.3	134.6	1,099.9	1982
4,092.5	1,223.4	26.6	130.8	1,066.0	1983
4,260.2	1,299.7	27.8	144.8	1,127.0	1984
4,372.9	1,304.3	26.1	154.0	1,124.2	1985
4,471.4	1,293.1	22.6	160.7	1,109.8	1986
4,582.6	1,296.2	20.9	176.4	1,098.9	1987
4,700.6	1,315.1	18.9	185.6	1,110.6	1988
4,817.2	1,333.9	17.8	193.1	1,123.0	1989
4,909.6	1,335.6	18.1	195.8	1,121.7	1989 December
4,752.1	1,275.5	17.6	170.6	1,087.3	1990 January
4,790.2	1,297.3	17.3	166.2	1,113.8	February
4,834.5	1,307.0	17.5	174.7	1,114.8	March
4,889.3	1,324.4	17.7	188.3	1,118.4	April
4,949.2	1,338.0	18.0	199.6	1,120.5	May
4,977.7	1,357.5	18.4	209.5	1,129.7	June
4,934.0	1,353.1	18.5	216.6	1,118.1	July
4,938.2	1,361.9	18.4	219.9	1,123.6	August
4,979.9	1,363.2	18.3	218.5	1,126.4	September
4,996.7	1,358.3	18.2	215.7	1,124.4	October
4,986.5	1,337.1	18.0	209.8	1,109.4	November
4,987.2	1,322.0	17.9	198.1	1,106.1	December

Service-Producing Employment
(in thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
2,888.0	232.1	1979	234.0	741.2	200.6	1979	806.2	674.0
2,904.9	223.1	1980	231.7	725.5	203.8	1980	830.9	689.9
2,900.7	217.2	1981	233.6	716.5	205.8	1981	851.6	676.0
2,859.5	206.8	1982	227.1	702.3	206.4	1982	857.3	659.6
2,869.2	198.5	1983	223.6	709.9	207.8	1983	873.3	656.1
2,960.5	203.9	1984	237.9	746.8	211.5	1984	905.2	655.2
3,068.5	202.7	1985	245.1	786.5	219.3	1985	949.5	665.2
3,178.4	203.4	1986	245.7	817.1	232.3	1986	1,001.0	678.9
3,286.4	207.8	1987	249.4	846.9	243.8	1987	1,051.2	687.3
3,385.5	212.1	1988	256.4	877.4	249.0	1988	1,096.8	693.8
3,483.3	215.9	1989	264.0	904.2	252.6	1989	1,140.8	705.7
3,574.0	220.4	1989 December	269.6	949.1	254.7	1989 December	1,150.5	729.7
3,476.5	213.7	1990 January	266.4	905.9	253.6	1990 January	1,122.6	714.2
3,492.9	213.7	February	266.2	897.5	253.8	February	1,133.2	728.6
3,527.5	215.0	March	267.7	906.6	255.0	March	1,147.7	735.5
3,564.8	216.5	April	269.5	922.0	255.5	April	1,167.6	733.7
3,611.1	218.6	May	271.5	936.7	256.8	May	1,180.4	747.2
3,620.2	220.7	June	274.0	945.9	259.3	June	1,196.9	723.4
3,580.9	220.9	July	275.0	943.7	260.4	July	1,199.6	681.2
3,576.4	221.1	August	274.6	948.3	260.4	August	1,202.5	669.5
3,616.7	222.3	September	273.7	945.6	258.3	September	1,208.9	707.9
3,638.4	222.0	October	274.4	944.0	257.6	October	1,204.2	736.2
3,649.4	221.8	November	274.6	955.4	257.3	November	1,197.5	742.7
3,665.2	222.8	December	275.5	968.7	257.5	December	1,196.2	744.6

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings[a]

Not Seasonally Adjusted

Manufacturing Employment				Production Workers in Manufacturing		
Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)		Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)
1,382.3	978.1	404.2	1979	979.0	$318.5	40.6
1,264.3	880.3	384.1	1980	867.8	301.9	35.2
1,232.6	858.2	374.4	1981	847.7	330.4	34.7
1,099.9	750.5	349.4	1982	735.7	297.1	29.5
1,066.0	721.9	344.1	1983	721.6	315.5	29.9
1,127.0	771.7	355.4	1984	781.5	362.3	33.1
1,124.2	767.0	357.3	1985	773.4	369.7	32.5
1,109.8	751.0	358.8	1986	758.5	369.1	31.9
1,098.9	738.9	360.0	1987	751.4	375.5	32.0
1,110.6	747.3	363.4	1988	762.3	393.0	32.8
1,123.0	753.2	369.8	1989	770.6	403.4	32.9
			1989			
1,121.7	750.0	371.7	December	769.6	405.9	32.8
			1990			
1,087.3	719.3	368.0	January	735.8	376.7	30.9
1,113.8	745.8	368.0	February	761.0	394.7	31.9
1,114.8	746.1	368.7	March	761.9	403.1	32.2
1,118.4	748.5	369.9	April	765.2	395.7	31.8
1,120.5	749.3	371.2	May	766.2	415.5	32.8
1,129.7	754.2	375.5	June	772.7	423.3	33.2
1,118.1	743.4	374.6	July	759.6	404.2	32.1
1,123.6	746.6	377.0	August	765.3	410.8	32.4
1,126.4	746.3	380.1	September	768.5	427.9	33.2
1,124.4	745.1	379.3	October	767.0	419.9	32.7
1,109.4	732.8	376.6	November	752.9	412.4	32.1
1,106.1	730.5	375.6	December	749.6	408.1	31.8

Production Worker Average Weekly Earnings				Production Worker Average Weekly Hours				Production Worker Average Hourly Earnings		
Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods
$325.36	$335.30	$297.78	1979	41.5	41.6	41.1	1979	$ 7.84	$ 8.06	$ 7.25
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31
486.68	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57
499.70	519.52	455.03	1987	42.6	42.9	41.9	1987	11.73	12.11	10.86
515.57	538.16	466.31	1988	43.0	43.4	42.2	1988	11.99	12.40	11.05
523.50	542.23	478.19	1989	42.7	43.0	41.8	1989	12.26	12.61	11.44
			1989				1989			
527.39	546.12	485.62	December	42.6	42.9	41.9	December	12.38	12.73	11.59
			1990				1990			
511.98	524.15	485.72	January	42.0	42.1	41.8	January	12.19	12.45	11.62
518.72	536.36	478.67	February	41.9	42.2	41.3	February	12.38	12.71	11.59
529.17	548.26	483.89	March	42.3	42.6	41.5	March	12.51	12.87	11.66
517.09	534.18	478.06	April	41.5	41.7	41.0	April	12.46	12.81	11.66
542.28	564.19	493.08	May	42.8	43.2	42.0	May	12.67	13.06	11.74
547.82	571.14	497.12	June	43.0	43.4	42.2	June	12.74	13.16	11.78
532.14	550.35	491.99	July	42.2	42.4	41.8	July	12.61	12.98	11.77
536.78	555.93	493.92	August	42.4	42.6	42.0	August	12.66	13.05	11.76
556.85	581.16	504.38	September	43.2	43.5	42.6	September	12.89	13.36	11.84
547.41	571.43	496.78	October	42.6	42.9	42.1	October	12.85	13.32	11.80
547.84	568.43	503.37	November	42.7	42.9	42.3	November	12.83	13.25	11.90
544.42	563.13	504.29	December	42.4	42.5	42.2	December	12.84	13.25	11.95

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

Not Seasonally Adjusted

Employment
(thousands)

Stone, Clay, and Glass Products	Primary Metal Industries	Fabricated Metal Products		Industrial Machinery and Equipment	Electronic and Other Electric Equipment	Transportation Equipment		Food and Kindred Products	Printing and Publishing	Rubber and Miscellaneous Plastics Products
67.0	158.9	175.3	1979	232.1	106.8	165.3	1979	74.4	67.6	109.3
62.0	139.8	157.5	1980	219.2	96.5	138.6	1980	72.7	67.4	95.1
58.6	138.3	154.8	1981	211.8	92.3	136.4	1981	69.2	66.1	91.4
52.1	112.7	134.9	1982	183.4	84.7	121.1	1982	66.9	63.2	82.4
50.2	104.1	129.8	1983	160.1	81.7	131.6	1983	63.4	62.8	84.5
50.5	108.9	138.8	1984	173.1	85.4	144.4	1984	62.8	65.1	92.7
48.5	101.8	139.7	1985	171.7	83.2	150.6	1985	62.9	66.8	93.3
47.5	95.4	136.8	1986	163.9	82.0	153.2	1986	63.0	68.4	94.5
46.5	95.8	132.9	1987	160.3	79.9	148.8	1987	63.1	70.5	93.6
46.0	100.8	135.2	1988	163.9	80.0	142.8	1988	62.5	72.5	93.4
45.7	102.2	136.3	1989	167.6	79.5	141.8	1989	63.2	73.9	96.4
			1989				1989			
45.3	100.6	136.0	December	168.0	79.0	140.8	December	63.4	75.0	96.7
			1990				1990			
44.2	98.8	130.5	January	167.6	78.4	120.6	January	63.3	74.6	94.7
44.3	100.7	134.2	February	167.2	78.5	142.1	February	62.5	74.8	94.9
45.0	100.9	134.1	March	167.0	78.3	141.6	March	62.2	74.7	95.5
45.6	100.8	134.9	April	166.6	78.3	142.4	April	62.5	74.8	96.2
45.7	101.2	135.3	May	167.0	77.8	142.1	May	62.6	75.4	96.7
46.6	101.7	136.8	June	167.3	77.7	143.3	June	63.7	75.9	97.7
46.3	99.4	135.4	July	166.9	77.4	137.3	July	63.8	76.3	95.8
46.4	100.6	135.2	August	165.6	77.0	141.5	August	64.7	76.5	96.9
46.2	102.0	135.9	September	165.1	76.8	140.0	September	67.4	76.5	97.3
46.1	101.2	134.9	October	164.3	76.7	141.7	October	66.3	76.5	97.4
45.5	99.9	133.3	November	163.2	75.8	135.6	November	64.6	76.8	96.2
44.2	99.1	132.9	December	163.6	75.6	135.8	December	64.7	77.0	95.1

Average Weekly Earnings of Production Workers

$293.34	$395.43	$323.38	1979	$329.09	$289.27	$391.56	1979	$304.50	$302.62	$300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
470.37	626.44	513.17	1988	526.24	466.07	673.91	1988	446.04	445.22	446.95
478.67	619.61	508.09	1989	534.10	459.95	704.48	1989	458.39	457.81	446.05
			1989				1989			
471.10	618.02	502.80	December	538.46	462.44	717.05	December	473.18	482.26	433.54
			1990				1990			
473.59	605.12	489.82	January	520.15	459.26	670.64	January	476.57	470.00	442.21
476.86	601.51	505.44	February	532.16	464.80	683.12	February	454.40	471.22	442.90
484.79	618.62	512.36	March	535.62	457.97	718.39	March	458.27	472.42	446.13
494.79	636.41	493.61	April	509.60	437.80	691.32	April	445.61	458.25	434.42
495.79	657.34	531.48	May	547.67	456.65	742.29	May	469.83	465.71	460.82
498.10	672.04	533.66	June	548.97	458.59	758.62	June	476.40	467.68	467.99
493.06	644.36	506.75	July	539.71	456.84	722.67	July	475.57	469.66	458.55
495.20	649.82	524.97	August	546.08	465.12	706.55	August	485.78	472.03	452.19
501.38	684.71	543.99	September	562.42	477.76	767.45	September	492.59	487.62	461.58
492.26	666.45	539.33	October	558.54	472.73	740.44	October	475.45	484.41	456.20
486.78	660.93	530.86	November	559.39	479.83	736.20	November	500.98	490.84	446.08
481.40	643.42	523.24	December	557.64	480.65	730.37	December	509.39	492.86	443.50

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	4987.2	4986.5	4909.6	.7	77.6
Goods-Producing Industries	1322.0	1337.1	1335.6	-15.1	-13.6
Mining	17.9	18.0	18.1	-.1	-.2
Coal Mining	7.4	7.4	7.5	.0	-.2
Oil and Gas Extraction	5.6	5.5	5.8	.1	-.1
Construction	198.1	209.8	195.8	-11.7	2.3
General Building Contractors	47.3	48.6	47.5	-1.2	-.2
Nonresidential Building Construction	23.7	24.3	24.3	-.6	-.7
Heavy Construction, Except Building	20.7	24.8	21.6	-4.1	-.9
Highway and Street Construction	5.9	8.5	7.0	-2.5	-1.0
Special Trade Contractors	130.0	136.4	126.7	-6.4	3.3
Manufacturing	1106.1	1109.4	1121.7	-3.3	-15.6
Durable Goods[f]	730.5	732.8	750.0	-2.3	-19.5
Lumber and Wood Products	23.4	23.7	22.6	-.3	.8
Millwork, Plywood and Structural Members	10.5	10.6	10.2	-.1	.3
Furniture and Fixtures	15.3	15.4	15.7	-.1	-.3
Stone, Clay, and Glass Products	44.2	45.5	45.3	-1.2	-1.1
Primary Metal Industries	99.1	99.9	100.6	-.8	-1.6
Blast Furnace and Basic Steel Products	46.6	46.7	46.4	-.2	.2
Iron and Steel Foundries	19.7	19.8	19.8	-.1	-.1
Nonferrous Rolling and Drawing	15.0	15.4	16.5	-.4	-1.5
Nonferrous Foundries	10.5	10.7	10.7	-.2	-.2
Fabricated Metal Products	132.9	133.3	136.0	-.3	-3.1
Fabricated Structural Metal Products	30.4	30.5	30.5	-.1	.0
Metal Forgings and Stampings	38.0	38.1	39.1	-.1	-1.1
Industrial Machinery and Equipment	163.6	163.2	168.0	.4	-4.4
Construction and Related Machinery	13.4	13.5	14.4	-.1	-.9
Metalworking Machinery	47.1	47.0	47.5	.1	-.5
Special Industry Machinery	16.2	16.1	17.5	.1	-1.4
General Industrial Machinery	26.2	26.1	26.4	.1	-.2
Computer and Office Equipment	10.7	10.8	11.2	-.1	-.5
Refrigeration and Service Machinery	14.7	14.6	15.9	.1	-1.2
Electronic and Other Electric Equipment	75.6	75.8	79.0	-.2	-3.4
Electrical Industrial Apparatus	12.2	12.3	12.5	-.1	-.3
Household Appliances	14.5	14.6	15.4	-.1	-.9
Electric Lighting and Wiring Equipment	15.9	15.9	16.6	.0	-.6
Electronic Components and Accessories	11.0	11.1	11.5	-.1	-.5
Transportation Equipment	135.8	135.6	140.8	.2	-5.0
Motor Vehicles and Equipment	91.5	90.7	95.1	.8	-3.6
Aircraft and Parts	36.1	36.1	36.8	.0	-.6
Instruments and Related Products	25.7	25.5	26.8	.2	-1.1
Measuring and Controlling Devices	15.4	15.4	16.3	.0	-.9
Nondurable Goods[g]	375.6	376.6	371.7	-1.0	3.9
Food and Kindred Products	64.7	64.6	63.4	.1	1.2
Dairy Products	11.1	11.0	10.2	.0	.8
Preserved Fruits and Vegetables	10.7	10.5	10.5	.3	.2
Bakery Products	9.7	9.7	9.5	.0	.2
Apparel and Other Textile Products	15.3	15.4	15.2	-.1	.1
Paper and Allied Products	38.5	38.6	38.0	-.1	.5
Paperboard Containers and Boxes	14.4	14.4	14.0	-.1	.4
Miscellaneous Converted Paper Products	12.3	12.3	12.1	.0	.1
Printing and Publishing	77.0	76.8	75.0	.2	2.1
Newspapers	19.5	19.5	19.0	.0	.5
Commercial Printing	28.4	28.3	27.7	.1	.7
Chemicals and Allied Products	67.1	67.0	65.5	.1	1.6
Plastics Materials and Synthetics	9.8	9.8	9.7	.0	.1
Rubber and Miscellaneous Plastics Products	95.1	96.2	96.7	-1.1	-1.6
Tires and Inner Tubes	16.2	16.3	15.5	.0	.7
Miscellaneous Plastics Products	57.5	58.4	58.2	-.9	-.7
Service-Producing Industries	3665.2	3649.4	3574.0	15.8	91.2
Transportation and Public Utilities	222.8	221.8	220.4	1.0	2.4
Transportation	133.2	132.3	130.0	.9	3.2
Railroad Transportation	11.8	12.0	12.5	-.2	-.6
Trucking and Warehousing	80.8	79.9	78.9	1.0	2.0
Transportation by Air	14.7	14.6	13.7	.1	1.0
Communications, Electric, Gas Services	89.6	89.5	90.4	.1	-.8
Communications	46.4	46.4	47.1	.0	-.7
Electric, Gas, and Sanitary Services	43.2	43.1	43.3	.1	-.1

See footnotes on page 13.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio (continued)

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Wholesale Trade	275.5	274.6	269.6	.9	5.9
Wholesale Trade-Durable Goods	173.4	173.3	170.5	.1	3.0
Motor Vehicles, Parts, and Supplies	22.9	23.0	22.9	-.1	.0
Professional and Commercial Equipment	33.3	33.3	32.7	-.1	.5
Metals and Minerals, Except Petroleum	11.6	11.6	11.3	.0	.3
Electrical Goods	19.0	18.9	18.8	.1	.1
Hardware, Plumbing and Heating Equipment	13.1	13.1	12.8	.1	.3
Machinery, Equipment, and Supplies	43.3	43.2	42.4	.1	.9
Wholesale Trade-Nondurable Goods	102.1	101.3	99.1	.8	3.0
Groceries and Related Products	33.9	33.6	32.8	.3	1.1
Retail Trade	968.7	955.4	949.1	13.3	19.6
Building Materials and Garden Supplies	36.0	36.0	35.0	.0	1.0
Lumber and Other Building Materials	17.9	18.1	17.6	-.2	.2
General Merchandise Stores	140.8	134.7	141.5	6.1	-.7
Department Stores	114.7	109.6	115.1	5.0	-.4
Variety Stores	14.8	14.5	14.9	.3	-.1
Food Stores	148.1	146.2	145.9	1.8	2.2
Grocery Stores	129.6	128.5	127.9	1.1	1.8
Automotive Dealers and Service Stations	101.1	101.6	100.1	-.5	.9
New and Used Car Dealers	44.3	44.6	44.2	-.3	.2
Gasoline Service Stations	36.1	35.9	35.2	.2	.8
Apparel and Accessory Stores	58.5	55.8	54.3	2.7	4.2
Furniture and Homefurnishings Stores	35.4	34.8	34.1	.6	1.3
Eating and Drinking Places	316.3	317.3	312.4	-1.0	4.0
Miscellaneous Retail	132.5	129.0	125.9	3.5	6.6
Drug Stores and Proprietary Stores	33.7	33.3	32.3	.4	1.4
Nonstore Retailers	25.0	24.6	24.0	.4	1.0
Finance, Insurance, and Real Estate	257.5	257.3	254.7	.2	2.8
Finance	121.1	121.0	120.3	.1	.9
Depository Institutions	90.8	90.7	90.9	.1	-.1
Commercial Banks	64.6	64.5	63.8	.1	.8
Insurance	92.9	92.6	92.0	.3	.9
Insurance Carriers	70.6	70.4	70.3	.2	.3
Life Insurance	26.2	26.0	26.0	.2	.2
Fire, Marine, and Casualty Insurance	31.9	31.9	31.1	.0	.7
Real Estate	43.5	43.7	42.4	-.2	1.0
Services	1196.2	1197.5	1150.5	-1.4	45.7
Hotels and Other Lodging Places	38.6	38.5	37.4	.1	1.2
Personal Services	55.4	54.6	54.7	.8	.7
Business Services	222.9	222.9	210.3	.0	12.6
Services to Buildings	33.0	33.3	32.4	-.3	.7
Personnel Supply Services	78.0	78.3	73.8	-.4	4.2
Computer and Data Processing Services	28.9	28.6	26.4	.3	2.5
Amusements, Including Motion Pictures	50.8	52.0	44.9	-1.3	5.9
Health Services	404.7	402.8	391.0	1.9	13.7
Nursing and Personal Care Facilities	87.4	87.2	84.7	.3	2.7
Hospitals	194.2	193.8	188.9	.4	5.3
Legal Services	30.8	30.6	29.2	.2	1.6
Educational Services	64.9	67.0	63.9	-2.1	1.0
Colleges and Universities	36.4	38.5	35.8	-2.1	.6
Social Services	77.9	77.3	75.2	.6	2.7
Residential Care	23.8	23.6	22.7	.2	1.1
Membership Organizations	80.5	80.2	79.4	.3	1.1
Engineering and Management Services	89.4	89.2	86.8	.1	2.6
Engineering and Architectural Services	27.5	27.4	26.4	.2	1.1
Accounting, Auditing, and Bookkeeping	22.1	21.8	21.5	.3	.6
Research and Testing Services	19.0	19.3	19.1	-.2	.0
Management and Public Relations	20.7	20.8	19.7	-.1	.9
Government	744.6	742.7	729.7	1.8	14.9
Federal Government	94.2	93.8	97.4	.3	-3.2
U.S. Postal Service	33.9	33.3	34.8	.6	-.8
State Government	175.3	173.6	169.1	1.8	6.2
State Government Hospitals	15.8	15.6	16.0	.2	-.2
State Government Education[h]	97.8	96.7	93.4	1.1	4.4
Local Government	475.1	475.3	463.2	-.3	11.8
Local Government Hospitals	15.2	15.2	14.8	.1	.5
Local Government Education	284.5	284.6	277.8	-.1	6.8

See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[p]	Nov. 1990[r]	Dec. 1989[r]	Dec. 1990[p]	Nov. 1990[r]	Dec. 1989[r]	Dec. 1990[p]	Nov. 1990[r]	Dec. 1989[r]
Goods-Producing Industries	$560.70	$567.74	$539.25	42.0	42.4	41.9	$13.35	$13.39	$12.87
Mining	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coal Mining	613.55	627.01	609.02	43.7	44.5	44.1	14.04	14.09	13.81
	724.63	746.00	756.33	42.6	43.6	45.1	17.01	17.11	16.77
Construction	641.59	657.71	601.73	39.9	40.7	38.4	16.08	16.16	15.67
General Building Contractors	567.59	571.02	540.57	40.6	40.7	39.2	13.98	14.03	13.79
Heavy Construction, Except Building	679.80	727.60	576.41	41.2	42.5	37.6	16.50	17.12	15.33
Special Trade Contractors	657.28	668.58	625.06	39.5	40.3	38.3	16.64	16.59	16.32
Manufacturing	544.42	547.84	527.39	42.4	42.7	42.6	12.84	12.83	12.38
Durable Goods[f]	563.13	568.43	546.12	42.5	42.9	42.9	13.25	13.25	12.73
Lumber and Wood Products	319.87	320.72	335.32	39.2	39.4	40.4	8.16	8.14	8.30
Millwork, Plywood and Structural Members	376.94	375.24	374.98	42.4	42.4	43.3	8.89	8.85	8.66
Furniture and Fixtures	424.23	408.11	377.10	43.6	42.6	40.9	9.73	9.58	9.22
Stone, Clay, and Glass Products	481.40	486.78	471.10	41.5	42.0	42.1	11.60	11.59	11.19
Primary Metal Industries	643.42	660.93	618.02	44.1	44.9	43.8	14.59	14.72	14.11
Blast Furnace and Basic Steel Products	693.25	705.72	633.28	47.0	47.3	44.1	14.75	14.92	14.36
Iron and Steel Foundries	628.42	672.09	637.38	41.1	43.0	43.3	15.29	15.63	14.72
Nonferrous Rolling and Drawing	655.45	661.35	637.70	39.7	40.4	40.8	16.51	16.37	15.63
Nonferrous Foundries	462.89	466.91	486.71	43.1	43.8	45.7	10.74	10.66	10.65
Fabricated Metal Products	523.24	530.88	502.80	41.2	42.0	41.9	12.70	12.64	12.00
Fabricated Structural Metal Products	464.09	512.55	467.67	41.4	44.3	42.4	11.21	11.57	11.03
Metal Forgings and Stampings	659.85	659.71	604.45	41.5	42.1	41.6	15.90	15.67	14.53
Industrial Machinery and Equipment	557.64	559.39	538.46	43.6	43.6	43.6	12.79	12.83	12.35
Construction and Related Machinery	462.51	449.12	467.87	40.5	40.1	41.7	11.42	11.20	11.22
Metalworking Machinery	543.12	540.90	537.75	44.3	44.3	45.0	12.26	12.21	11.95
Special Industry Machinery	544.45	538.32	543.27	44.7	44.6	45.5	12.18	12.07	11.94
General Industrial Machinery	619.49	662.97	578.92	44.6	46.2	43.3	13.89	14.35	13.37
Computer and Office Equipment	496.78	490.99	474.33	42.1	42.4	42.2	11.80	11.58	11.24
Refrigeration and Service Machinery	585.20	583.19	575.56	40.0	39.7	41.2	14.63	14.69	13.97
Electronic and Other Electric Equipment	480.65	479.83	462.44	41.4	41.4	41.4	11.61	11.59	11.17
Electrical Industrial Apparatus	461.31	451.02	442.85	42.4	41.8	42.5	10.88	10.79	10.42
Household Appliances	473.85	476.58	486.01	39.0	39.0	40.1	12.15	12.22	12.12
Electric Lighting and Wiring Equipment	472.25	496.40	466.43	38.9	40.0	39.9	12.14	12.41	11.69
Electronic Components and Accessories	352.34	356.12	334.15	41.5	41.7	40.9	8.49	8.54	8.17
Transportation Equipment	730.37	736.20	717.05	43.5	43.9	44.9	16.79	16.77	15.97
Motor Vehicles and Equipment	746.06	753.41	750.85	43.2	43.6	45.7	17.27	17.28	16.43
Aircraft and Parts	721.09	725.42	616.12	45.9	46.0	42.2	15.71	15.77	14.60
Instruments and Related Products	405.19	409.82	388.42	40.6	40.9	40.8	9.98	10.02	9.52
Measuring and Controlling Devices	391.61	389.22	381.24	39.2	39.0	40.3	9.99	9.98	9.46
Nondurable Goods[g]	504.29	503.37	485.62	42.2	42.3	41.9	11.95	11.90	11.59
Food and Kindred Products	509.39	500.98	473.18	43.5	43.3	42.4	11.71	11.57	11.16
Dairy Products	496.65	482.09	500.54	43.0	42.4	44.1	11.55	11.37	11.35
Preserved Fruits and Vegetables	585.00	557.80	520.22	45.0	44.2	43.1	13.00	12.62	12.07
Bakery Products	518.68	519.17	484.51	41.1	41.5	39.2	12.62	12.51	12.36
Apparel and Other Textile Products	320.40	320.00	294.08	40.0	40.1	37.8	8.01	7.98	7.78
Paper and Allied Products	533.24	537.30	518.97	44.4	45.0	44.7	12.01	11.94	11.61
Paperboard Containers and Boxes	456.66	470.64	442.12	43.0	44.4	42.8	10.62	10.60	10.33
Miscellaneous Converted Paper Products	514.35	512.80	491.89	45.0	45.3	45.8	11.43	11.32	10.74
Printing and Publishing	492.86	490.84	482.26	40.8	40.7	40.8	12.08	12.06	11.82
Newspapers	382.95	394.20	405.76	33.3	34.1	35.1	11.50	11.56	11.56
Commercial Printing	509.44	506.75	484.76	43.1	42.8	42.3	11.82	11.84	11.46
Chemicals and Allied Products	628.71	616.33	611.27	43.6	43.1	43.6	14.42	14.30	14.02
Plastics Materials and Synthetics	684.52	685.39	689.72	43.6	43.6	44.7	15.70	15.72	15.43
Rubber and Miscellaneous Plastics Products	443.50	446.08	433.54	40.8	41.0	40.9	10.87	10.88	10.60
Tires and Inner Tubes	697.89	699.94	718.60	43.0	43.1	45.8	16.23	16.24	15.69
Miscellaneous Plastics Products	422.18	422.99	414.06	40.4	40.4	40.2	10.45	10.47	10.30
Service-Producing Industries	.....	.....	.....	.....	.....	.....	.....	.....	.....
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	644.90	645.15	615.04	42.4	42.5	42.3	15.21	15.18	14.54
Communications	621.18	605.87	561.60	42.0	41.3	40.0	14.79	14.67	14.04
Electric, Gas, and Sanitary Services	672.67	690.99	676.64	42.9	43.9	44.9	15.68	15.74	15.07
Wholesale Trade	422.67	424.44	410.69	39.1	39.3	39.3	10.81	10.80	10.45
Wholesale Trade-Durable Goods	414.77	418.26	402.19	38.8	39.2	39.2	10.69	10.67	10.26
Motor Vehicles, Parts, and Supplies	363.44	351.82	356.98	38.5	38.2	39.1	9.44	9.21	9.13
Metals and Minerals, Except Petroleum	462.03	478.13	463.14	40.6	42.5	41.8	11.38	11.25	11.08
Wholesale Trade-Nondurable Goods	436.79	433.79	423.94	39.6	39.4	39.4	11.03	11.01	10.76

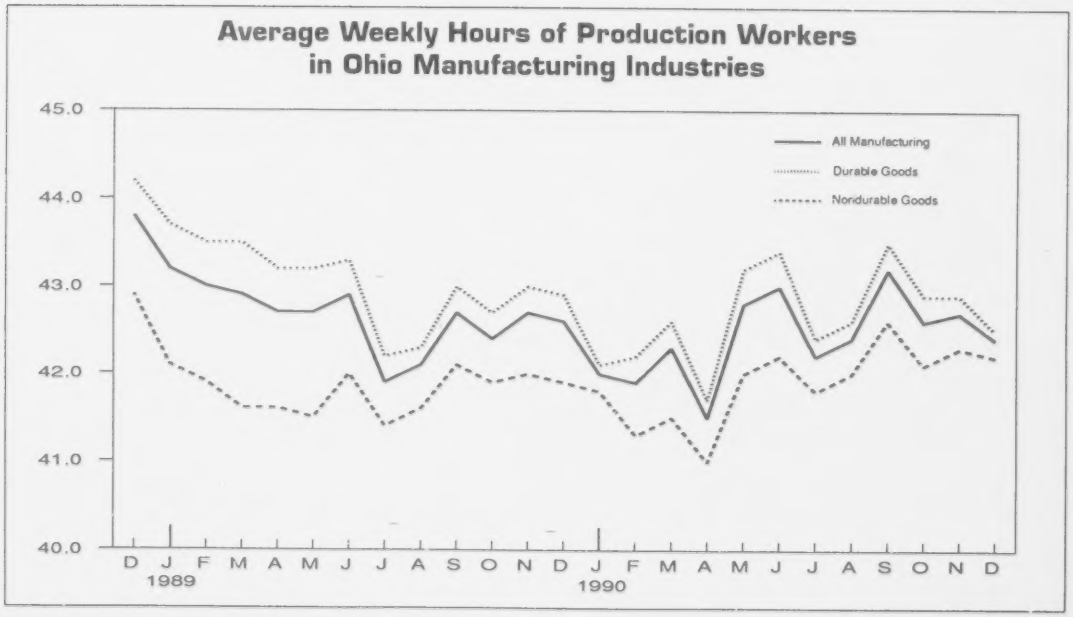
See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

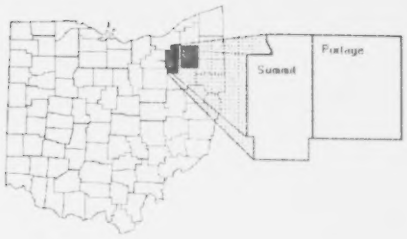
Not Seasonally Adjusted

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Retail Trade[i]	$186.02	$179.68	$179.09	28.4	27.6	28.7	$ 6.55	$ 6.51	$ 6.24
General Merchandise Stores	208.90	191.80	200.57	29.8	28.0	31.0	7.01	6.85	6.47
Department Stores	214.68	195.44	206.27	29.9	28.0	31.3	7.18	6.98	6.59
Finance, Insurance, and Real Estate	356.26	354.35	346.41	....	....	....	.....	.....	.....
Finance	326.95	325.71	320.87	....	....	....	.....	.....	.....
Depository Institutions	277.40	275.92	274.12	....	....	....	.....	.....	.....
Commercial Banks	272.50	269.28	272.20	....	....	....	.....	.....	.....
Insurance	426.19	421.31	411.11	....	....	....	.....	.....	.....
Insurance Carriers	414.24	409.96	396.55	....	....	....	.....	.....	.....
Life Insurance	381.01	377.51	368.65	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	449.22	446.19	425.20	....	....	....	.....	.....	.....
Services	.....	.....	.....	...	....	....	.....	.....	.....
Business Services	254.08	250.90	226.56	33.3	33.1	32.0	7.63	7.58	7.08
Health Services	320.86	321.87	306.86	31.8	31.9	31.7	10.09	10.09	9.68
Nursing and Personal Care Facilities	221.54	220.53	202.25	32.2	32.1	31.7	6.88	6.87	6.38
Hospitals	374.08	376.70	362.84	32.5	32.7	32.6	11.51	11.52	11.13
Engineering and Management Services	490.88	491.18	473.37	35.7	35.8	35.3	13.75	13.72	13.41
Engineering and Architectural Services	702.35	700.70	659.56	35.1	35.0	32.7	20.01	20.02	20.17
Research and Testing Services	385.19	385.92	382.10	36.1	36.0	36.6	10.67	10.72	10.44

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Includes miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.



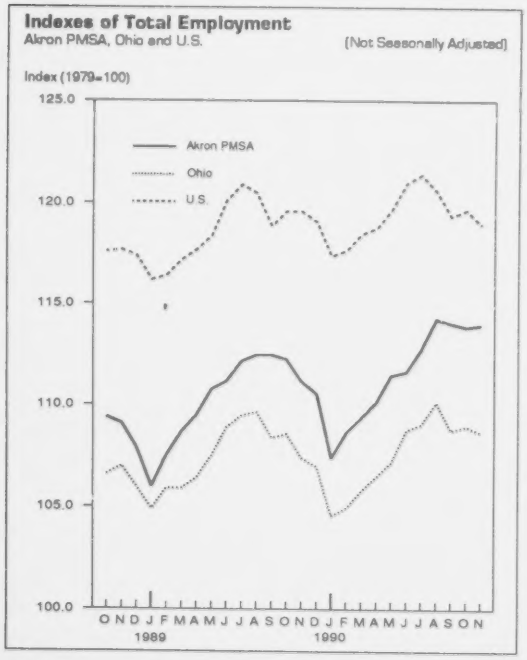
Akron
Primary Metropolitan Statistical Area

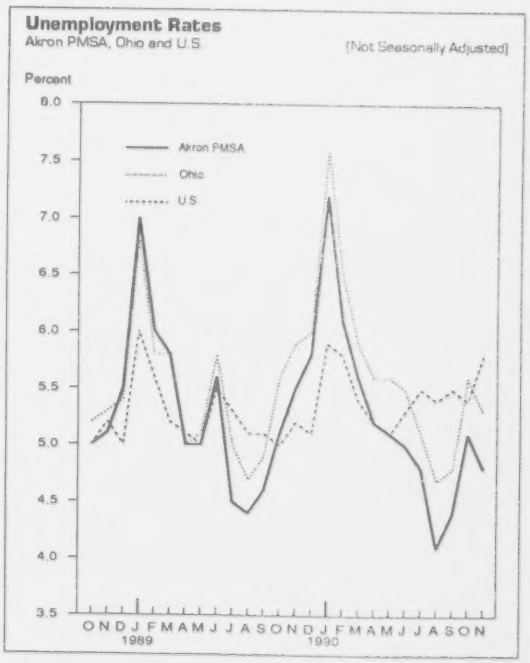


In the Akron metropolitan area, total nonfarm payroll employment rose 300 above the November level to 298,000 in December 1990. The service-producing sector added 900 employees mainly due to seasonal gains in retail trade. The workforce in goods-producing industries declined 500 over the month to 79,800. Continued seasonal layoffs in construction negated improvements in manufacturing. An increase in fabricated metal products outweighed decreases in industrial machinery and equipment and rubber and miscellaneous plastics products. Factory production workers averaged $12.11 per hour, up 11 cents from November. Their average workweek of 43.0 hours was 0.2 hours shorter.

Nonagricultural wage and salary employment advanced 8,500 between December 1989 and December 1990. Expansion in service-producing industries contributed 81.2 percent of the improvement. Leading growth industries were services, especially amusements, including motion pictures, and health services, and retail trade. Over-the-year gains in manufacturing, particularly rubber and miscellaneous plastics products and fabricated metal products, helped create 1,600 jobs in goods-producing industries.

Seasonally adjusted employment in the Akron area totaled 295,000 in December 1990, up 1,000 from November. Since December 1989, nonfarm payroll employment advanced 9,000. Services gained 4,000 jobs; manufacturing, retail trade, and government each added 1,000 jobs.





Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	$321.57	41.6	$ 7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
320.3	297.5	22.7	7.1	1987	265.1	66.4	36.5	487.03	43.1	11.30
324.9	305.2	19.7	6.1	1988	272.7	66.2	37.7	502.28	43.3	11.60
333.0	315.1	17.8	5.4	1989	282.2	67.7	39.5	495.75	42.7	11.61
				1989						
335.3	315.7	19.5	5.8	December	289.4	67.7	38.9	504.70	43.1	11.71
				1990						
330.0	306.4	23.6	7.2	January	277.2	67.1	38.1	497.64	42.9	11.60
330.3	310.1	20.2	6.1	February	282.7	67.3	38.4	496.40	42.5	11.68
330.6	312.2	18.4	5.6	March	285.4	67.6	38.6	500.02	42.7	11.71
331.9	314.5	17.4	5.2	April	289.2	67.5	38.6	479.49	41.3	11.61
335.2	318.2	17.0	5.1	May	293.6	67.4	38.4	516.00	43.0	12.00
335.3	318.7	16.6	5.0	June	291.1	68.0	38.8	524.36	43.3	12.11
338.0	321.8	16.2	4.8	July	290.1	67.6	38.3	509.92	42.6	11.97
340.4	326.3	14.1	4.1	August	291.2	67.9	38.6	529.40	43.5	12.17
340.4	325.5	14.9	4.4	September	297.8	68.6	39.2	529.91	43.4	12.21
342.5	325.1	17.3	5.1	October	297.1	69.1	39.6	519.16	42.8	12.13
341.8	325.3	16.4	4.8	November	297.7	68.8	39.1	518.40	43.2	12.00
INA	INA	INA	INA	December	298.0	69.0	39.5	520.73	43.0	12.11

INA -- Information not available

Akron PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
271	95	9	86	1979	176	15	12	46	9	50	43
262	88	8	79	1980	175	14	12	45	9	50	44
260	84	8	76	1981	175	14	13	45	9	52	42
249	76	7	68	1982	173	13	12	45	9	52	41
245	73	7	65	1983	172	13	12	45	9	52	41
252	76	8	68	1984	176	13	13	47	9	53	41
258	77	8	68	1985	180	13	13	49	10	54	42
261	76	9	67	1986	184	13	14	50	10	56	42
265	76	9	66	1987	189	13	14	52	11	58	42
273	76	10	66	1988	196	13	15	53	11	62	43
282	78	10	68	1989	204	13	15	55	10	66	44
				1989							
286	78	10	68	December	208	13	16	56	11	68	44
				1990							
285	78	10	68	January	206	13	16	56	11	67	43
288	79	10	68	February	209	13	16	57	11	68	45
288	79	10	68	March	210	13	16	57	11	69	45
289	79	11	68	April	210	13	16	57	11	69	45
290	78	10	67	May	212	13	16	57	11	70	45
291	79	10	68	June	213	14	16	57	11	71	45
291	78	10	67	July	213	14	16	57	11	71	45
293	79	10	68	August	215	14	16	57	11	71	46
293	79	10	68	September	213	14	16	57	11	71	45
293	80	10	69	October	213	14	16	57	11	72	44
294	79	10	69	November	214	13	16	57	11	72	45
295	80	10	69	December	215	13	16	57	11	72	45

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	298.0	297.7	289.4	.3	8.5
Goods-Producing Industries[e]	79.8	80.4	78.2	-.5	1.6
Construction	10.2	10.9	9.9	-.7	.3
Manufacturing	69.0	68.8	67.7	.2	1.4
Durable Goods[f]	35.4	35.1	35.0	.3	.4
Fabricated Metal Products	11.5	11.1	11.1	.4	.4
Fabricated Structural Metal Products	5.1	5.0	4.9	.0	.2
Industrial Machinery and Equipment	9.9	10.1	10.3	-.2	-.3
Metalworking Machinery	4.1	4.0	3.9	.0	.2
Electronic and Other Electric Equipment	2.4	2.5	2.5	.0	-.1
Transportation Equipment	4.8	4.8	4.9	.0	-.1
Nondurable Goods[g]	33.6	33.8	32.7	-.2	.9
Food and Kindred Products	3.1	3.1	3.1	.0	.0
Chemicals and Allied Products	3.7	3.6	3.6	.0	.0
Rubber and Miscellaneous Plastics Products	20.8	21.0	20.1	-.1	.7
Tires and Inner Tubes	11.7	11.8	11.1	.0	.6
Service-Producing Industries	218.2	217.3	211.2	.9	6.9
Transportation and Public Utilities	13.5	13.5	13.3	.0	.2
Communications, Electric, Gas Services	4.7	4.7	4.7	.0	.1
Wholesale Trade	16.0	15.9	15.8	.1	.2
Retail Trade	59.3	58.7	57.9	.7	1.5
General Merchandise Stores	8.2	8.0	8.6	.2	-.4
Food Stores	9.6	9.5	9.5	.1	.1
Finance, Insurance, and Real Estate	10.6	10.6	10.5	.0	.1
Finance	5.3	5.3	5.4	.0	.0
Services	71.3	71.2	67.1	.1	4.2
Business Services	12.3	12.3	11.7	.0	.6
Personnel Supply Services	3.2	3.2	3.3	-.1	-.2
Amusements, Including Motion Pictures	6.9	6.8	5.2	.0	1.7
Health Services	22.9	22.8	21.9	.2	1.0
Nursing and Personal Care Facilities	4.1	4.1	3.9	.0	.2
Hospitals	11.3	11.2	10.9	.1	.4
Social Services	4.9	4.9	4.9	.0	.0
Engineering and Management Services	5.5	5.6	5.1	.0	.4
Government	47.4	47.5	46.7	-.1	.8
Federal Government	2.5	2.5	2.4	.0	.1
State Government	18.1	18.1	17.7	-.1	.3
State Government Education[h]	15.3	15.3	14.9	-.1	.4
Local Government	26.8	26.9	26.5	-.1	.3
Local Government Education	15.1	14.9	14.8	.2	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

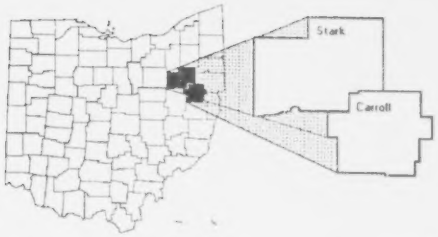
Not Seasonally Adjusted

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$520.73	$518.40	$504.70	43.0	43.2	43.1	$12.11	$12.00	$11.71
Durable Goods[f]	527.90	524.18	515.79	43.2	43.5	43.6	12.22	12.05	11.83
Fabricated Metal Products	615.78	618.46	569.38	41.3	42.8	41.2	14.91	14.45	13.82
Fabricated Structural Metal Products	497.77	539.84	486.33	41.9	44.8	42.4	11.88	12.05	11.47
Industrial Machinery and Equipment	515.00	508.69	512.60	45.9	45.5	46.6	11.22	11.18	11.00
Metalworking Machinery	578.38	581.05	516.32	48.4	48.3	46.1	11.95	12.03	11.20
Electronic and Other Electric Equipment	433.46	443.72	400.32	41.4	41.9	40.6	10.47	10.59	9.86
Transportation Equipment	635.38	638.58	695.84	43.4	43.5	45.9	14.64	14.68	15.16
Nondurable Goods[g]	508.64	510.18	487.30	42.6	42.8	42.3	11.94	11.92	11.52
Food and Kindred Products	403.21	418.37	397.28	40.2	41.3	41.6	10.03	10.13	9.55
Chemicals and Allied Products	586.96	563.32	531.83	44.5	43.1	43.7	13.19	13.07	12.17
Rubber and Miscellaneous Plastics Products	509.33	510.26	493.93	43.2	43.5	43.1	11.79	11.73	11.46
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	621.18	610.88	605.68	42.0	41.5	41.4	14.79	14.72	14.63
Wholesale Trade	374.07	372.32	356.09	37.0	36.9	36.9	10.11	10.09	9.65
Retail Trade[i]	223.10	217.86	220.89	30.9	30.3	32.2	7.22	7.19	6.86
General Merchandise Stores	196.10	186.30	214.51	29.4	28.4	32.6	6.67	6.56	6.58
Food Stores	330.41	326.85	313.63	37.0	37.1	36.3	8.93	8.81	8.64
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	277.86	275.05	277.11	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

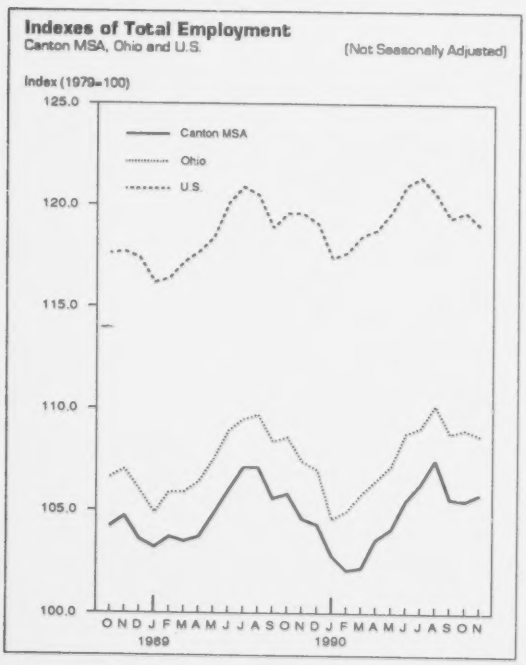
Canton Metropolitan Statistical Area

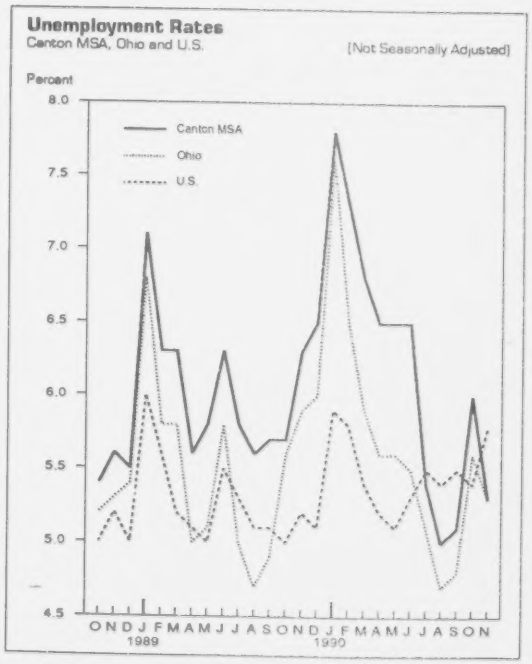


Nonfarm payroll employment in the Canton metropolitan area declined 400 from the November level to 168,700 in December 1990. Less business in construction and modest reductions in manufacturing lowered employment in goods-producing industries 700 to 53,000. A decrease in rubber and miscellaneous plastics products offset an increase in primary metal industries. Service-producing industries added 300 jobs over the month. Seasonal gains in retail trade and transportation and public utilities outweighed slight declines in services. Manufacturing production workers averaged $11.33 per hour, down 12 cents from November. Their average workweek was 1.0 hours shorter at 41.3 hours.

Nonagricultural wage and salary employment advanced 1,500 between December 1989 and December 1990. Expansion in service-producing industries created 2,000 jobs. A major portion of the growth occurred in services. The number of employees in goods-producing industries dropped 500 from the year-ago level as production cutbacks in manufacturing negated nominal growth in construction. Reductions in fabricated metal products and rubber and miscellaneous plastics products negated growth in primary metal industries.

Seasonally adjusted employment in the Canton area totaled 167,000 in December 1990, unchanged from November. Scattered increases counterbalanced declines in retail trade and government. Since December 1989, nonfarm payroll employment rose 1,000. Growth in service-producing industries, especially services, more than offset a decrease in manufacturing.





Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	$330.88	40.9	$ 8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34
190.5	178.0	12.6	6.6	1988	160.1	45.3	32.4	462.21*	42.6*	10.85*
194.1	182.3	11.8	6.1	1989	164.1	45.6	32.5	466.91	41.8	11.17
				1989						
193.9	181.2	12.7	6.5	December	167.2	45.6	31.8	467.87	41.7	11.22
				1990						
193.6	178.5	15.1	7.8	January	163.1	45.5	31.8	475.45	42.3	11.24
191.3	177.3	14.0	7.3	February	162.7	45.4	31.8	473.91	42.2	11.23
190.3	177.5	12.9	6.8	March	163.3	44.8	31.2	472.36	42.1	11.22
192.6	180.0	12.6	6.5	April	165.5	44.1	30.3	474.31	41.9	11.32
193.4	180.8	12.6	6.5	May	167.8	44.8	31.0	479.94	42.1	11.40
196.1	183.3	12.8	6.5	June	169.1	45.4	31.7	487.60	42.4	11.50
195.2	184.6	10.6	5.4	July	168.1	45.5	31.7	485.18	42.3	11.47
196.6	186.7	9.9	5.0	August	168.4	45.3	31.6	484.08	42.5	11.39
193.4	183.5	9.8	5.1	September	169.1	45.7	32.1	491.63	42.9	11.46
194.9	183.3	11.6	6.0	October	168.8	45.0	31.6	485.60	42.3	11.48
194.1	183.8	10.3	5.3	November	169.1	45.1	31.5	484.34	42.3	11.45
INA	INA	INA	INA	December	168.7	44.9	31.4	467.93	41.3	11.33

INA – Information not available

*Not comparable to previous estimates due to change in estimating methodology.

Canton MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
161	67	6	59	1979	94	8	7	27	6	28	18
157	62	5	56	1980	95	7	7	26	6	29	19
157	61	5	55	1981	95	7	8	26	6	30	19
149	54	5	48	1982	95	6	8	26	6	30	18
143	49	4	44	1983	94	6	7	26	6	31	18
149	53	5	46	1984	97	6	8	27	6	31	18
151	53	5	46	1985	99	6	8	29	6	32	18
152	50	5	44	1986	102	6	8	30	6	33	18
156	51	6	44	1987	106	6	8	31	7	36	18
160	52	6	45	1988	108	6	8	32	7	37	19
164	53	7	46	1989	111	6	9	33	7	38	19
				1989							
166	53	7	46	December	112	6	9	33	7	39	19
				1990							
166	54	7	46	January	112	6	8	34	7	39	19
167	54	7	46	February	112	6	8	34	7	39	19
166	53	8	45	March	113	6	8	34	7	39	19
167	53	8	44	April	114	6	9	34	7	39	20
167	53	7	45	May	114	6	9	34	7	39	20
168	53	7	45	June	114	6	9	34	7	40	20
167	53	7	45	July	114	6	9	34	7	40	20
168	53	7	45	August	115	6	9	34	7	40	20
168	54	7	45	September	114	6	9	34	7	40	20
167	53	7	45	October	114	6	9	34	7	40	20
167	53	7	45	November	114	6	9	34	7	40	20
167	53	7	45	December	114	6	9	33	7	40	19

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	168.7	169.1	167.2	-.4	1.5
Goods-Producing Industries[e]	53.0	53.7	53.5	-.7	-.5
Construction	7.3	7.8	7.1	-.5	.2
Manufacturing	44.9	45.1	45.6	-.2	-.7
Durable Goods[f]	33.4	33.4	33.7	.0	-.3
Primary Metal Industries	12.1	12.0	11.3	.1	.8
Fabricated Metal Products	5.3	5.3	6.3	.0	-.9
Electronic and Other Electric Equipment	3.9	3.9	4.0	.0	-.1
Nondurable Goods[g]	11.5	11.7	12.0	-.2	-.4
Food and Kindred Products	3.4	3.5	3.4	.0	.0
Rubber and Miscellaneous Plastics Products	2.6	2.8	3.1	-.1	-.5
Service-Producing Industries	115.7	115.4	113.7	.3	2.0
Transportation and Public Utilities	5.7	5.6	5.6	.1	.1
Communications, Electric, Gas Services	2.7	2.7	2.7	.0	.0
Wholesale Trade	8.7	8.7	8.5	.0	.1
Retail Trade	34.6	34.3	34.5	.3	.1
General Merchandise Stores	4.4	4.3	4.6	.1	-.2
Food Stores	5.8	5.7	5.7	.0	.1
Finance, Insurance, and Real Estate	6.6	6.6	6.8	.0	-.1
Finance	3.9	3.9	3.9	.0	-.1
Services	40.2	40.3	38.6	-.1	1.6
Health Services	16.6	16.5	15.7	.1	.8
Nursing and Personal Care Facilities	3.9	3.9	3.8	.0	.1
Hospitals	7.8	7.7	7.3	.1	.4
Government	19.9	19.9	19.7	.0	.2
Federal Government	1.4	1.4	1.4	.0	.0
State Government (Includes Education)	1.7	1.7	1.7	.0	.0
Local Government	16.8	16.8	16.6	.0	.3
Local Government Education	10.3	10.2	10.1	.1	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

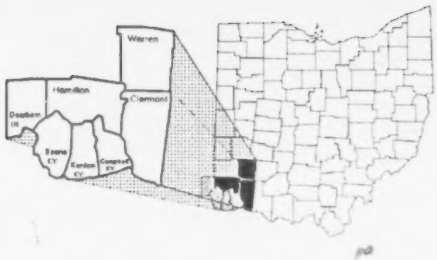
Not Seasonally Adjusted

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$467.93	$484.34	$467.87	41.3	42.3	41.7	$11.33	$11.45	$11.22
Durable Goods[f]	487.20	498.19	493.00	42.0	42.8	42.5	11.60	11.64	11.60
Primary Metal Industries	517.00	539.34	516.12	43.3	44.5	44.0	11.94	12.12	11.73
Fabricated Metal Products	434.41	443.00	488.38	39.6	40.2	40.8	10.97	11.02	11.97
Electronic and Other Electric Equipment	542.27	537.16	534.93	38.9	38.7	40.1	13.94	13.88	13.34
Nondurable Goods[g]	408.60	440.51	390.43	39.1	40.6	39.2	10.45	10.85	9.96
Food and Kindred Products	417.91	416.58	409.11	39.5	39.3	39.0	10.58	10.60	10.49
Rubber and Miscellaneous Plastics Products	391.72	387.37	393.72	40.3	40.1	40.8	9.72	9.66	9.65
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	640.07	619.01	581.58	42.7	41.6	40.5	14.99	14.88	14.36
Wholesale Trade	386.06	386.12	371.42	38.8	39.2	37.9	9.95	9.85	9.80
Retail Trade[i]	181.04	174.98	174.87	28.6	27.6	29.0	6.33	6.34	6.03
General Merchandise Stores	195.05	184.92	209.95	28.6	27.6	32.3	6.82	6.70	6.50
Food Stores	179.36	174.71	162.66	29.5	28.5	27.9	6.08	6.13	5.83
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	194.35	196.45	180.25	30.8	30.6	29.5	6.31	6.42	6.11

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

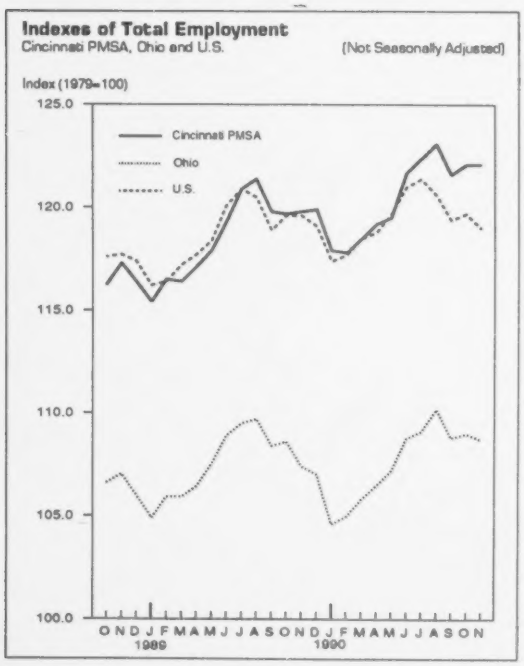
Cincinnati Primary Metropolitan Statistical Area

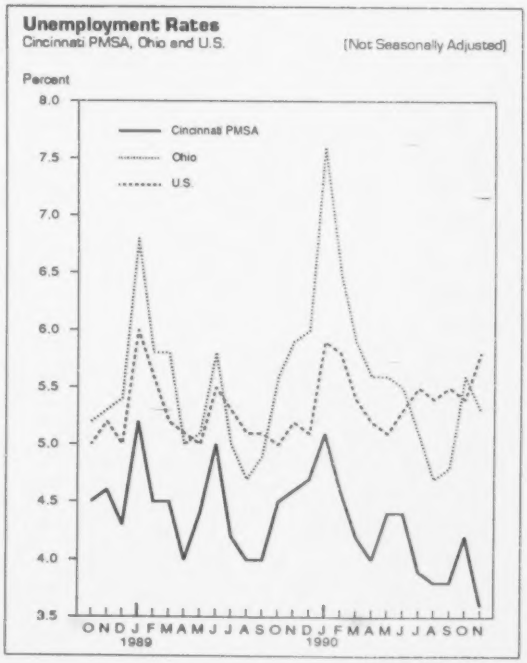


Nonagricultural payroll employment in the Cincinnati metropolitan area rose 2,600 above the November level to 765,000 in December 1990. Seasonal hiring in retail trade and modest gains in services and wholesale trade raised employment in service-producing industries 4,500. Seasonal layoffs in construction and production cutbacks in manufacturing lowered employment in goods-producing industries 1,900 over the month to 184,600. Reductions were posted in transportation equipment, electronic and other electric equipment, and rubber and miscellaneous plastics products. Factory production workers averaged $12.29 per hour, up 8 cents from November. Their average workweek of 43.4 hours was 0.2 hours longer.

Nonfarm wage and salary employment advanced 16,900 between December 1989 and December 1990. The improvement was concentrated in the service-producing sector. Leading areas of expansion were retail trade (+6,200) and services (+4,500). Noteworthy gains were posted in local government, transportation and public utilities, and wholesale trade. Employment in goods-producing industries declined 500 as over-the-year cutbacks in durable-goods manufacturing negated growth in nondurable goods. Reductions in electronic and other electric equipment, industrial machinery and equipment, and transportation equipment outweighed increases in printing and publishing and chemicals and allied products.

Seasonally adjusted employment in the Cincinnati area totaled 756,000 in December 1990, unchanged from November. An increase in transportation and public utilities counterbalanced a decrease in manufacturing. Since December 1989, nonfarm payroll employment advanced 16,000. Primary growth industries were retail trade (+6,000), services (+4,000), and government (+3,000). Noteworthy gains occurred in transportation and public utilities and wholesale trade.





Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	$303.37	41.5	$ 7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
761.3	722.2	39.0	5.1	1988	701.6	145.7	92.5	476.15	42.4	11.23
780.3	745.4	34.9	4.5	1989	726.4	146.7	92.6	497.64	42.9	11.60
				1989						
790.7	753.4	37.3	4.7	December	748.2	149.7	94.8	498.19	42.8	11.64
				1990						
779.7	740.3	39.4	5.1	January	726.3	148.9	93.7	502.04	42.8	11.73
775.6	739.7	35.9	4.6	February	727.9	149.1	93.9	498.53	42.5	11.73
777.2	744.5	32.7	4.2	March	735.1	148.3	93.1	515.70	43.3	11.91
780.3	748.7	31.5	4.0	April	744.8	147.8	92.7	490.73	41.8	11.74
784.6	750.3	34.3	4.4	May	753.0	148.0	92.8	519.60	43.3	12.00
799.2	764.1	35.1	4.4	June	758.8	148.8	93.4	528.00	43.6	12.11
800.4	768.8	31.6	3.9	July	754.7	148.7	93.3	516.86	43.0	12.02
803.6	773.5	30.2	3.8	August	756.1	148.9	93.5	529.83	43.5	12.18
793.9	763.9	30.1	3.8	September	760.8	149.8	94.5	529.48	43.4	12.20
800.6	766.9	33.7	4.2	October	761.5	150.0	94.8	526.25	43.1	12.21
795.8	767.0	28.8	3.6	November	762.4	149.9	94.7	527.47	43.2	12.21
INA	INA	INA	INA	December	765.0	149.1	93.9	533.39	43.4	12.29

INA – Information not available

Cincinnati PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
607	201	27	173	1979	406	34	38	102	32	117	83
601	188	25	162	1980	413	34	39	102	33	122	84
592	180	22	157	1981	412	33	38	102	33	124	82
575	167	20	146	1982	408	32	37	102	32	124	80
576	161	20	140	1983	414	31	37	105	33	130	79
601	167	22	145	1984	433	32	39	111	34	137	79
628	171	23	147	1985	457	34	41	118	36	147	81
651	174	26	148	1986	477	33	42	122	38	156	85
678	176	30	146	1987	502	36	44	127	40	168	87
702	178	32	146	1988	524	38	45	135	42	176	88
726	181	34	147	1989	545	39	48	142	43	183	90
				1989							
740	184	35	148	December	556	40	49	146	43	189	90
				1990							
741	186	35	150	January	555	41	48	147	43	185	91
744	187	36	151	February	557	41	49	148	43	186	91
746	186	36	150	March	560	41	49	149	43	188	91
746	185	36	149	April	561	41	49	150	43	187	91
749	185	36	149	May	564	41	49	151	43	188	92
752	185	36	149	June	567	41	50	151	43	189	93
753	184	35	149	July	569	41	50	151	43	189	95
754	184	36	148	August	570	41	50	152	43	190	94
753	184	35	148	September	569	41	50	151	43	191	92
756	184	34	149	October	572	41	50	151	43	194	93
756	184	35	149	November	572	41	50	152	43	193	93
756	183	35	148	December	573	42	50	152	43	193	93

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	765.0	762.4	748.2	2.6	16.9
Goods-Producing Industries[e]	184.6	186.4	185.0	-1.9	-.5
Construction	35.0	36.1	34.9	-1.1	.2
Manufacturing	149.1	149.9	149.7	-.8	-.7
Durable Goods[f]	79.0	79.7	81.1	-.7	-2.1
Fabricated Metal Products	12.4	12.4	12.4	.0	-.1
Fabricated Structural Metal Products	4.7	4.7	4.6	.0	.1
Industrial Machinery and Equipment	19.1	19.1	19.6	.0	-.6
Electronic and Other Electric Equipment	7.3	7.5	8.0	-.2	-.7
Transportation Equipment	24.5	24.8	24.8	-.3	-.3
Motor Vehicles and Equipment	4.7	5.0	5.0	-.3	-.3
Instruments and Related Products	3.5	3.5	3.7	.0	-.2
Nondurable Goods[g]	70.0	70.1	68.6	-.1	1.4
Food and Kindred Products	12.4	12.4	12.6	.1	-.1
Beverages	2.9	2.9	2.9	.0	.0
Apparel and Other Textile Products	3.7	3.7	3.7	.0	-.1
Paper and Allied Products	6.2	6.2	6.0	.0	.2
Printing and Publishing	15.2	15.2	14.5	.0	.7
Commercial Printing	6.7	6.8	6.4	.0	.3
Chemicals and Allied Products	23.1	23.0	22.4	.0	.7
Rubber and Miscellaneous Plastics Products	6.9	7.1	6.7	-.2	.2
Service-Producing Industries	580.5	576.0	563.1	4.5	17.3
Transportation and Public Utilities	42.0	41.8	40.5	.2	1.6
Transportation	25.5	25.3	24.2	.2	1.4
Trucking and Warehousing	11.5	11.4	11.1	.1	.4
Transportation by Air	7.0	7.0	6.2	.0	.8
Communications, Electric, Gas Services	16.5	16.5	16.3	.0	.2
Communications	9.6	9.6	9.9	.0	-.2
Wholesale Trade	50.1	49.7	49.2	.4	.9
Wholesale Trade-Durable Goods	29.3	29.2	29.2	.2	.1
Retail Trade	158.1	155.0	151.8	3.0	6.2
General Merchandise Stores	25.5	24.4	24.4	1.1	1.1
Finance, Insurance, and Real Estate	43.2	43.2	42.7	.1	.6
Finance	17.8	17.8	17.3	.0	.5
Depository Institutions	13.9	13.9	13.6	.0	.4
Commercial Banks	9.8	9.9	9.4	.0	.4
Insurance	17.0	17.0	17.0	.0	.0
Insurance Carriers	14.3	14.2	14.2	.1	.0
Life Insurance	6.8	6.7	6.8	.1	.0
Fire, Marine, and Casualty Insurance	5.4	5.4	5.0	.0	.3
Services	191.7	191.2	187.2	.5	4.5
Hotels and Other Lodging Places	7.6	7.7	7.4	.0	.2
Personal Services	8.8	8.6	8.4	.2	.4
Business Services	38.2	38.4	37.3	-.2	.9
Services to Buildings	6.2	6.1	5.9	.1	.3
Computer and Data Processing Services	5.1	5.1	4.6	.0	.5
Amusements, Including Motion Pictures	10.8	10.5	12.1	.3	-1.4
Health Services	59.2	59.0	57.1	.2	2.2
Nursing and Personal Care Facilities	11.3	11.3	11.1	.0	.2
Hospitals	28.2	28.1	27.2	.1	1.0
Legal Services	4.8	4.8	4.5	.0	.3
Educational Services	7.2	7.3	7.3	-.1	-.1
Social Services	12.7	12.7	12.4	.1	.3
Residential Care	5.0	5.0	4.8	.0	.2
Engineering and Management Services	17.6	17.5	16.5	.1	1.1
Engineering and Architectural Services	6.0	5.9	5.7	.1	.3
Government	95.3	95.1	91.7	.2	3.5
Federal Government	16.3	15.9	16.0	.4	.3
State Government	21.8	22.0	21.1	-.2	.7
State Government Education[h]	13.8	13.9	13.0	.0	.8
Local Government	57.2	57.2	54.7	.0	2.5
Local Government Education	33.0	32.7	31.6	.3	1.4

Hours and Earnings of Production or Nonsupervisory Workers[a]

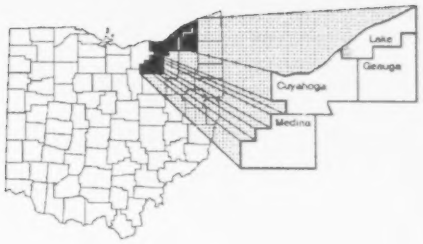
Not Seasonally Adjusted

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$533.39	$527.47	$498.19	43.4	43.2	42.8	$12.29	$12.21	$11.64
Durable Goods[f]	519.59	530.78	488.20	42.8	43.4	42.9	12.14	12.23	11.38
Fabricated Metal Products	431.88	458.15	423.36	42.3	43.8	43.2	10.21	10.46	9.80
Fabricated Structural Metal Products	462.58	529.23	473.25	42.4	45.9	44.9	10.91	11.53	10.54
Industrial Machinery and Equipment	496.08	489.77	481.78	43.1	43.0	43.6	11.51	11.39	11.05
Electronic and Other Electric Equipment	411.73	390.98	380.07	41.8	40.6	41.0	9.85	9.63	9.27
Transportation Equipment	779.76	815.92	708.72	45.6	47.0	43.4	17.10	17.36	16.33
Motor Vehicles and Equipment	771.77	846.40	885.01	42.9	45.9	48.6	17.99	18.44	18.21
Instruments and Related Products	431.09	430.33	380.68	43.5	43.6	45.7	9.91	9.87	8.33
Nondurable Goods[g]	545.68	522.95	508.56	43.9	42.9	42.7	12.43	12.19	11.91
Food and Kindred Products	508.26	506.97	494.28	43.0	43.0	42.5	11.82	11.79	11.63
Beverages	560.59	561.82	576.79	40.8	40.8	43.4	13.74	13.77	13.29
Apparel and Other Textile Products	280.02	269.96	250.65	40.7	39.7	38.8	6.88	6.80	6.46
Paper and Allied Products	490.25	474.47	453.84	43.5	42.9	42.1	11.27	11.06	10.78
Printing and Publishing	548.54	537.54	508.57	43.5	42.9	42.1	12.61	12.53	12.08
Commercial Printing	605.71	591.25	532.61	47.1	46.3	44.2	12.86	12.77	12.05
Chemicals and Allied Products	692.76	641.08	634.57	46.0	43.7	44.5	15.06	14.67	14.26
Rubber and Miscellaneous Plastics Products	402.70	388.86	401.10	42.3	41.5	42.0	9.52	9.37	9.55
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	606.22	616.31	577.37	40.2	40.6	39.6	15.08	15.18	14.58
Communications	586.36	592.11	571.34	38.5	38.7	38.5	15.23	15.30	14.84
Wholesale Trade	440.35	447.68	429.24	39.6	39.9	39.2	11.12	11.22	10.95
Retail Trade[j]	183.39	177.80	174.53	28.7	28.0	28.8	6.39	6.35	6.06
General Merchandise Stores	240.41	215.50	221.76	31.8	29.2	32.0	7.56	7.38	6.93
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	302.41	300.40	299.54	....	....	....	.....	.....	.....
Commercial Banks	272.99	268.89	269.08	....	....	....	.....	.....	.....
Insurance	.....	.....	.....	....	....	....	.....	.....	.....
Insurance Carriers	422.12	415.93	409.09	....	....	....	.....	.....	.....
Life Insurance	422.39	414.17	417.21	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	444.33	438.40	421.88	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	438.18	438.51	427.80	32.7	32.7	33.5	13.40	13.41	12.77
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	660.02	653.54	659.28	41.2	41.0	41.7	16.02	15.94	15.81

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Cleveland
Primary Metropolitan Statistical Area

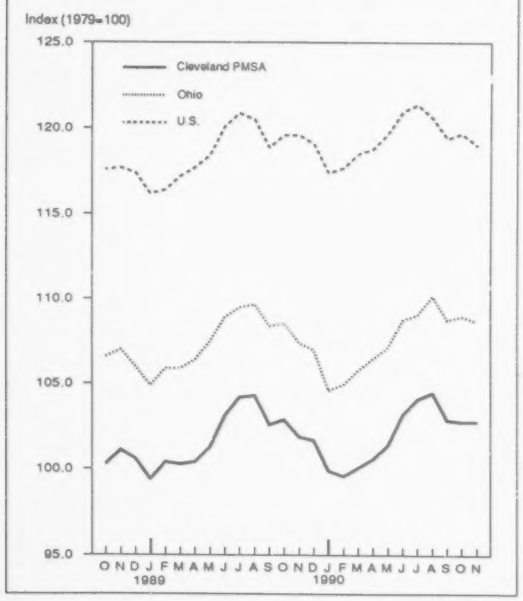


In the Cleveland metropolitan area, nonfarm payroll employment rose 1,700 above the November level to 962,500 in December 1990. Increased hiring of temporary employees in retail trade helped raise employment in service-producing industries 4,400. Less business in construction, especially special trade contractors, and cutbacks in manufacturing lowered the workforce in goods-producing industries 2,800 over the month to 238,500. Reductions in transportation equipment, fabricated metal products, and rubber and miscellaneous plastics products negated nominal growth in printing and publishing. Factory production workers averaged $12.12 per hour, down 6 cents from November. Their average workweek was 0.1 hours longer at 42.7 hours.

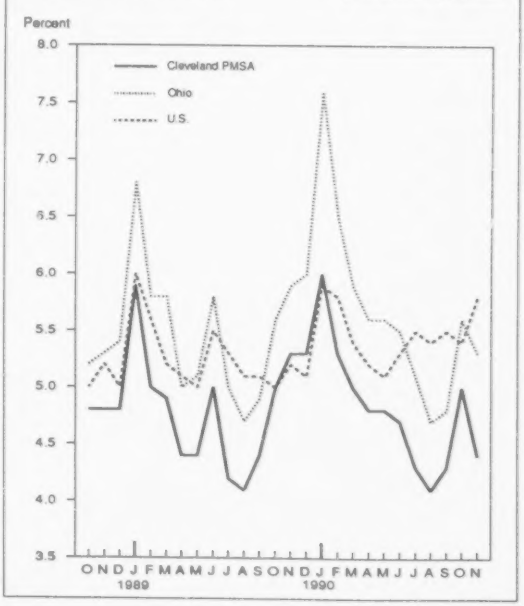
Nonagricultural wage and salary employment advanced 9,000 between December 1989 and December 1990. Expansion in service-producing industries created 13,400 jobs. Leading growth sectors were services, particularly business and health services, and retail trade. Noteworthy gains occurred in wholesale trade. Employment in goods-producing industries dropped 4,400 during the period due to reductions in manufacturing. Significant over-the-year cutbacks in transportation equipment and industrial machinery and equipment and moderate declines in fabricated metal products, primary metal industries, and electronic and other electric equipment overshadowed modest expansion in printing and publishing and stone, clay, and glass products.

Seasonally adjusted employment in the Cleveland area totaled 953,000 in December 1990, unchanged from November. An increase in wholesale trade nearly offset declines in retail trade and manufacturing. Since December 1989, nonfarm payroll employment advanced 9,000. Growth in services, retail trade, wholesale trade, and finance, insurance, and real estate outweighed a decrease in manufacturing.

Indexes of Total Employment
Cleveland PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Cleveland PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Cleveland PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
935.8	889.1	46.7	5.0	1979	919.8	276.3	138.6	$337.60	42.2	$ 8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
936.5	885.0	51.4	5.5	1988	911.3	203.3	131.1	508.65	43.4	11.72
951.7	905.7	46.0	4.8	1989	935.2	207.0	133.3	509.87	43.1	11.83
				1989						
954.9	904.0	50.9	5.3	December	953.5	208.2	133.8	511.70	43.0	11.90
				1990						
945.1	888.0	57.1	6.0	January	926.5	205.6	131.3	495.33	42.3	11.71
935.5	885.7	49.8	5.3	February	928.4	206.6	132.3	502.60	42.2	11.91
936.8	890.1	46.7	5.0	March	936.0	206.1	131.8	522.88	43.0	12.16
939.2	894.4	44.9	4.8	April	947.1	206.7	132.1	498.78	41.6	11.99
947.1	901.5	45.5	4.8	May	958.9	207.2	132.4	531.72	43.3	12.28
962.5	917.2	45.3	4.7	June	969.3	208.1	133.0	534.25	43.4	12.31
967.6	925.6	42.1	4.3	July	966.6	207.3	131.8	514.74	42.4	12.14
968.6	929.3	39.3	4.1	August	960.2	205.6	130.8	518.38	42.7	12.14
955.4	914.6	40.7	4.3	September	964.4	207.0	132.7	530.56	43.1	12.31
962.8	914.4	48.5	5.0	October	963.7	207.2	132.8	527.24	42.9	12.29
956.4	914.2	42.2	4.4	November	960.9	204.7	130.5	518.87	42.6	12.18
INA	INA	INA	INA	December	962.5	203.8	129.5	517.52	42.7	12.12

INA – Information not available

Cleveland PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
920	311	34	276	1979	608	48	66	147	48	182	118
896	286	30	255	1980	610	46	64	141	48	188	123
881	276	28	247	1981	605	45	63	137	48	192	120
845	249	25	223	1982	595	43	61	134	48	192	117
830	234	25	207	1983	596	41	59	136	48	196	116
854	243	28	214	1984	612	42	62	141	49	204	115
869	240	28	211	1985	629	41	63	146	50	213	116
879	232	26	205	1986	647	41	62	150	52	225	116
892	230	28	201	1987	662	41	61	154	55	233	117
911	234	29	203	1988	678	41	64	157	56	243	116
935	241	33	207	1989	694	42	66	159	57	252	118
				1989							
944	242	34	207	December	702	43	67	161	57	255	119
				1990							
945	241	33	207	January	704	43	67	161	58	255	120
949	243	34	208	February	706	43	68	162	57	256	120
952	242	34	207	March	710	43	68	163	58	258	121
954	242	34	208	April	711	43	68	164	58	258	120
957	242	34	207	May	715	43	68	164	58	259	122
958	242	34	207	June	716	43	69	165	58	260	122
957	242	34	207	July	714	43	68	166	58	261	119
953	241	34	206	August	712	43	69	166	58	262	115
957	241	34	206	September	716	43	69	166	58	261	120
957	241	34	207	October	715	43	69	166	58	260	120
953	238	34	204	November	714	43	68	166	58	261	119
953	238	34	203	December	715	43	69	165	58	261	119

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	962.5	960.9	953.5	1.7	9.0
Goods-Producing Industries[e]	238.5	241.2	242.9	-2.8	-4.4
Construction	33.7	35.6	33.8	-1.9	.0
Special Trade Contractors	23.3	24.4	23.6	-1.0	-.3
Manufacturing	203.8	204.7	208.2	-.9	-4.4
Durable Goods[f]	137.8	138.7	142.6	-.9	-4.7
Stone, Clay, and Glass Products	3.7	3.8	3.5	-.1	.3
Primary Metal Industries	20.8	20.7	21.3	.0	-.5
Iron and Steel Foundries	4.4	4.3	4.6	.1	-.2
Fabricated Metal Products	33.6	33.7	34.3	-.2	-.7
Screw Machine Products, Bolts, etc.	4.9	5.0	5.1	.0	-.2
Metal Forgings and Stampings	10.5	10.5	11.0	.1	-.5
Industrial Machinery and Equipment	32.5	32.5	33.7	.0	-1.2
Metalworking Machinery	12.9	12.9	13.0	.0	-.1
Electronic and Other Electric Equipment	15.2	15.2	15.6	.0	-.4
Electrical Industrial Apparatus	4.3	4.2	4.5	.0	-.2
Electric Lighting and Wiring Equipment	5.1	5.1	5.3	.1	-.2
Transportation Equipment	17.3	18.0	19.6	-.7	-2.3
Motor Vehicles and Equipment	10.3	11.0	12.5	-.7	-2.2
Instruments and Related Products	7.2	7.2	7.1	.0	.1
Measuring and Controlling Devices	5.3	5.3	4.9	.0	.4
Nondurable Goods[g]	66.0	66.0	65.6	.0	.3
Food and Kindred Products	6.7	6.7	6.7	.1	.0
Apparel and Other Textile Products	3.4	3.3	3.3	.0	.1
Paper and Allied Products	5.9	5.8	5.9	.0	-.1
Printing and Publishing	17.5	17.4	17.1	.2	.4
Chemicals and Allied Products	14.9	14.8	14.6	.0	.2
Rubber and Miscellaneous Plastics Products	11.8	12.1	12.1	-.2	-.2
Miscellaneous Plastics Products	7.9	8.0	7.7	-.1	.2
Service-Producing Industries	724.1	719.7	710.6	4.4	13.4
Transportation and Public Utilities	43.6	43.2	43.7	.4	.0
Transportation	26.9	26.5	26.2	.4	.8
Trucking and Warehousing	12.3	12.0	12.3	.4	.1
Transportation by Air	5.5	5.5	5.3	.0	.3
Communications, Electric, Gas Services	16.7	16.7	17.5	.0	-.8
Communications	9.9	9.9	10.2	.0	-.3
Electric, Gas, and Sanitary Services	6.8	6.8	7.3	.0	-.4
Wholesale Trade	68.9	68.6	67.3	.2	1.6
Wholesale Trade-Durable Goods	46.9	46.8	45.9	.1	1.0
Motor Vehicles, Parts, and Supplies	4.0	4.0	4.1	.0	-.1
Professional and Commercial Equipment	9.1	9.1	9.1	.0	.0
Retail Trade	172.1	168.5	168.1	3.6	4.1
General Merchandise Stores	23.3	22.5	23.5	.8	-.2
Finance, Insurance, and Real Estate	57.9	57.8	57.1	.0	.8
Finance	27.9	27.9	27.9	.0	.0
Depository Institutions	20.6	20.6	20.6	.0	.0
Commercial Banks	12.8	12.8	13.0	.0	-.2
Insurance	18.8	18.7	18.3	.1	.5
Insurance Carriers	14.2	14.2	13.8	.1	.4
Fire, Marine, and Casualty Insurance	6.4	6.4	6.3	.0	.2
Services	261.4	261.6	254.6	-.2	6.8
Business Services	54.8	54.7	53.1	.2	1.8
Personnel Supply Services	21.0	20.9	20.6	.1	.4
Computer and Data Processing Services	7.1	7.1	6.6	.0	.5
Amusements, Including Motion Pictures	11.0	10.9	10.4	.1	.5
Health Services	80.4	80.3	79.2	.1	1.2
Nursing and Personal Care Facilities	13.7	13.7	13.5	.0	.2
Hospitals	43.6	43.6	43.6	.0	.0
Legal Services	9.9	9.8	9.5	.1	.4
Educational Services	18.4	19.2	18.3	-.8	.1
Social Services	14.5	14.3	14.0	.2	.5
Residential Care	4.0	3.9	3.7	.1	.4
Engineering and Management Services	22.5	22.5	21.6	.0	.8
Engineering and Architectural Services	8.1	8.1	7.9	.0	.2
Accounting, Auditing, and Bookkeeping	6.7	6.7	6.4	.0	.3
Management and Public Relations	4.9	4.9	4.6	.0	.3
Government	120.1	119.8	119.9	.3	.2
Federal Government	19.9	19.7	20.9	.2	-1.0
State Government	8.4	8.0	8.1	.3	.2
State Government Education[h]	3.4	3.1	3.2	.3	.2
Local Government	91.8	92.1	90.9	-.3	1.0
Local Government Education	46.8	47.0	47.3	-.2	-.5

Hours and Earnings of Production or Nonsupervisory Workers[a]

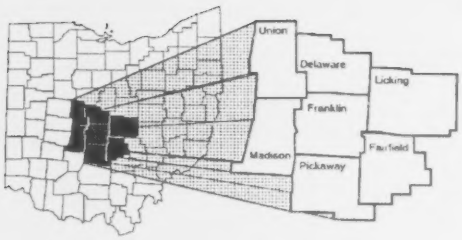
Not Seasonally Adjusted

Cleveland PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$517.52	$518.37	$511.70	42.7	42.6	43.0	$12.12	$12.18	$11.90
Durable Goods[f]	546.05	548.66	542.82	43.2	43.1	43.6	12.64	12.73	12.45
Stone, Clay, and Glass Products	509.07	512.67	489.63	42.6	43.3	41.6	11.95	11.84	11.77
Primary Metal Industries	534.69	552.25	527.88	43.4	44.5	44.1	12.32	12.41	11.97
Iron and Steel Foundries	762.67	866.71	762.08	42.3	46.9	44.0	18.03	18.48	17.32
Fabricated Metal Products	565.49	544.85	527.30	43.6	42.6	42.8	12.97	12.79	12.32
Screw Machine Products, Bolts, etc.	539.18	494.05	501.30	43.8	41.0	42.7	12.31	12.05	11.74
Metal Forgings and Stampings	694.82	688.10	645.60	44.2	43.8	43.3	15.72	15.71	14.91
Industrial Machinery and Equipment	552.15	560.62	526.24	44.6	44.6	44.0	12.38	12.57	11.96
Metalworking Machinery	520.22	527.22	530.72	43.1	43.5	44.9	12.07	12.12	11.82
Electronic and Other Electric Equipment	439.30	434.89	419.99	41.6	41.3	40.5	10.56	10.53	10.37
Electrical Industrial Apparatus	465.78	458.59	431.60	43.9	43.8	41.5	10.61	10.47	10.40
Electric Lighting and Wiring Equipment	404.39	405.46	366.15	37.9	38.0	37.4	10.67	10.67	9.79
Transportation Equipment	695.84	709.75	758.62	42.3	42.5	45.7	16.45	16.70	16.60
Motor Vehicles and Equipment	54.60	768.35	843.59	41.1	41.6	46.3	18.36	18.47	18.22
Instruments and Related Products	423.84	454.57	449.77	39.5	41.4	41.8	10.73	10.98	10.76
Measuring and Controlling Devices	451.14	443.63	479.83	41.2	40.7	43.7	10.95	10.90	10.98
Nondurable Goods[g]	449.60	445.78	435.97	41.4	41.2	41.6	10.86	10.82	10.48
Food and Kindred Products	457.88	458.54	479.27	40.7	40.4	43.1	11.25	11.35	11.12
Apparel and Other Textile Products	403.39	379.23	376.27	39.9	38.5	39.4	10.11	9.85	9.55
Paper and Allied Products	523.16	509.18	516.64	45.1	44.2	45.2	11.60	11.52	11.43
Printing and Publishing	412.78	412.26	369.15	39.2	39.3	37.9	10.53	10.49	9.74
Chemicals and Allied Products	557.83	554.04	540.58	42.1	42.1	42.7	13.25	13.16	12.66
Rubber and Miscellaneous Plastics Products	378.78	373.43	381.74	41.9	41.4	42.7	9.04	9.02	8.94
Miscellaneous Plastics Products	392.41	389.08	390.92	42.7	42.2	43.1	9.19	9.22	9.07
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	497.70	497.67	469.91	35.0	34.9	34.3	14.22	14.26	13.70
Communications, Electric, Gas Services	669.50	662.54	610.78	42.4	42.2	40.8	15.79	15.70	14.97
Wholesale Trade	472.80	470.44	460.52	39.4	39.4	39.7	12.00	11.94	11.60
Retail Trade[i]	198.81	193.99	186.26	28.2	27.4	27.8	7.05	7.08	6.70
General Merchandise Stores	202.49	193.76	200.34	28.4	28.0	30.4	7.13	6.92	6.59
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	322.22	322.30	317.17	....	....	....	.....	.....	.....
Depository Institutions	293.94	293.99	292.29	....	....	....	.....	.....	.....
Commercial Banks	285.31	283.91	287.67	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	340.07	341.00	320.33	31.0	31.0	31.1	10.97	11.00	10.30
Nursing and Personal Care Facilities	256.43	253.60	224.29	34.1	33.5	32.6	7.52	7.57	6.88
Hospitals	373.90	374.83	353.30	30.3	30.4	30.3	12.34	12.33	11.66

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

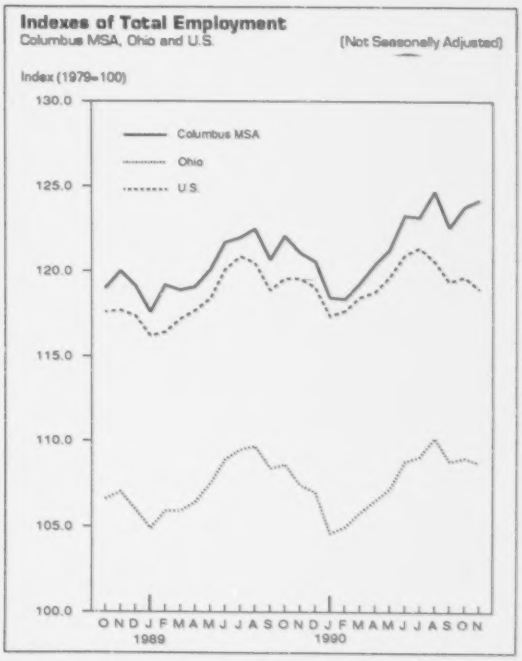
Columbus Metropolitan Statistical Area

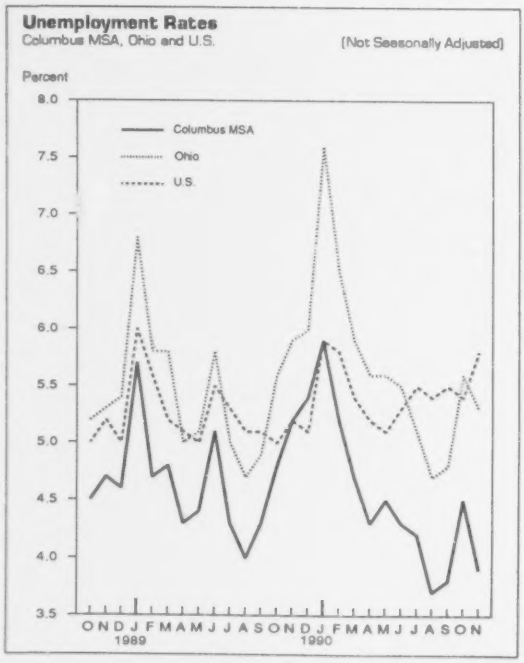


Nonagricultural payroll employment in the Columbus metropolitan area rose 1,700 above the November level to 740,800 in December 1990. The number of employees in service-producing industries increased 3,100. More business in retail trade and the continued return of nonteaching personnel in state schools and colleges more than offset declines in services. Seasonal layoffs in construction lowered employment in goods-producing industries 1,500 over the month to 135,800. Manufacturing employment declined slightly as cutbacks in stone, clay, and glass products negated modest growth in fabricated metal products. Factory production workers averaged $12.67 per hour, up 5 cents from November. Their average workweek was 0.2 hours shorter at 42.7 hours.

Nonfarm wage and salary employment advanced 22,200 between December 1989 and December 1990. Growth in the service-producing sector contributed 98.2 percent of the improvement. Leading areas of expansion were services (+8,700) and retail trade (+7,000). Noteworthy gains were posted in state and local government, wholesale trade, and finance, insurance, and real estate. Nominal growth in construction and manufacturing increased employment in goods-producing industries 400. Over-the-year gains in food and kindred products, transportation equipment, industrial machinery and equipment, and printing and publishing outweighed reductions in fabricated metal products, instruments and related products, and stone, clay, and glass products.

Seasonally adjusted employment in the Columbus area rose 1,000 from November to 731,000 in December 1990 mainly due to an increase in services. Since December 1989, total payroll employment advanced 22,000. A major portion of the growth occurred in services (+9,000), retail trade (+6,000), and government (+3,000).





Columbus MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41
711.2	676.2	35.0	4.9	1988	680.5	102.6	67.9	479.33	41.5	11.55
730.3	695.6	34.7	4.8	1989	701.7	104.8	69.5	500.82	41.7	12.01
				1989						
736.1	696.2	39.9	5.4	December	718.6	105.2	70.6	525.64	42.7	12.31
				1990						
727.2	684.3	42.9	5.9	January	698.9	103.6	69.0	516.57	42.1	12.27
720.9	683.7	37.2	5.2	February	701.8	104.2	69.5	520.36	42.1	12.36
722.8	689.0	33.8	4.7	March	709.1	104.2	69.8	512.10	41.6	12.31
726.7	695.5	31.2	4.3	April	719.7	104.8	70.2	501.43	40.9	12.26
733.4	700.7	32.7	4.5	May	727.3	104.9	70.1	514.58	41.7	12.34
744.2	712.0	32.2	4.3	June	734.0	105.7	70.6	520.80	42.0	12.40
742.4	711.6	30.8	4.2	July	724.0	104.2	68.9	524.15	42.1	12.45
747.6	720.2	27.4	3.7	August	726.4	105.5	70.3	515.41	41.7	12.36
736.6	708.3	28.3	3.8	September	730.2	106.0	70.9	529.61	42.2	12.55
748.8	715.2	33.6	4.5	October	737.2	106.6	71.0	530.88	42.1	12.61
746.6	717.3	29.3	3.9	November	739.2	105.4	69.9	541.40	42.9	12.62
INA	INA	INA	INA	December	740.8	105.3	69.9	541.01	42.7	12.67

INA – Information not available

Columbus MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
558	142	23	118	1979	416	27	29	101	38	109	112
560	135	21	113	1980	425	27	29	101	40	113	115
557	130	19	109	1981	427	26	29	101	42	116	113
544	118	16	101	1982	426	25	28	100	44	117	111
548	117	17	99	1983	432	25	29	103	45	120	110
576	125	19	105	1984	451	26	31	110	47	127	110
604	129	22	106	1985	475	26	32	119	49	136	112
631	131	24	106	1986	500	27	32	125	54	146	116
658	132	27	104	1987	526	28	34	133	57	154	119
680	133	29	103	1988	548	30	36	138	59	162	123
702	135	29	105	1989	567	31	37	143	60	171	125
				1989							
709	135	29	105	December	574	31	37	146	60	174	126
				1990							
710	135	30	104	January	575	31	38	147	61	174	126
712	136	30	105	February	577	31	37	147	61	175	126
717	136	30	105	March	581	31	38	148	61	176	127
721	136	30	105	April	585	32	38	150	61	178	128
724	137	30	105	May	588	32	38	150	61	179	128
727	137	30	106	June	591	32	38	151	61	179	129
728	135	30	104	July	593	31	38	152	61	180	130
730	137	30	105	August	593	31	38	153	61	181	128
728	136	30	105	September	592	32	38	152	61	181	128
729	137	30	106	October	593	32	38	152	61	181	128
730	136	30	105	November	594	32	38	152	61	182	129
731	136	30	105	December	595	32	38	152	61	183	129

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	740.8	739.2	718.6	1.7	22.2
Goods-Producing Industries[e]	135.8	137.3	135.4	-1.5	.4
Construction	29.6	31.0	29.3	-1.4	.3
Manufacturing	105.3	105.4	105.2	-.1	.1
Durable Goods[f]	65.4	65.5	66.0	-.1	-.6
Stone, Clay, and Glass Products	9.5	10.0	9.8	-.5	-.3
Glass and Glassware, Pressed or Blown	3.0	3.5	3.5	-.5	-.5
Fabricated Metal Products	9.3	8.9	10.0	.4	-.7
Industrial Machinery and Equipment	10.0	10.0	9.5	.0	.4
Electronic and Other Electric Equipment	9.4	9.3	9.2	.1	.2
Transportation Equipment	14.5	14.6	14.0	-.1	.5
Motor Vehicles and Equipment	13.5	13.5	13.3	.0	.1
Instruments and Related Products	4.4	4.3	4.8	.0	-.4
Nondurable Goods[g]	39.8	39.8	39.2	.0	.6
Food and Kindred Products	11.3	11.3	10.7	.0	.6
Dairy Products	4.6	4.6	4.0	.0	.6
Printing and Publishing	11.3	11.2	11.0	.1	.3
Chemicals and Allied Products	6.8	6.7	6.8	.0	.0
Rubber and Miscellaneous Plastics Products	6.4	6.4	6.3	.0	.1
Service-Producing Industries	605.0	601.9	583.2	3.1	21.8
Transportation and Public Utilities	32.1	32.0	31.5	.1	.6
Transportation	19.9	19.8	19.2	.1	.7
Trucking and Warehousing	14.4	14.3	13.7	.1	.8
Communications, Electric, Gas Services	12.2	12.2	12.3	.0	.0
Communications	7.6	7.6	7.7	.0	-.1
Electric, Gas, and Sanitary Services	4.7	4.7	4.6	.0	.1
Wholesale Trade	38.7	38.7	37.5	-.1	1.2
Wholesale Trade-Durable Goods	24.8	24.8	24.2	.0	.5
Motor Vehicles, Parts, and Supplies	3.2	3.2	3.1	.0	.2
Machinery, Equipment, and Supplies	5.5	5.5	5.4	.0	.0
Wholesale Trade-Nondurable Goods	13.9	13.9	13.3	-.1	.6
Retail Trade	158.5	156.4	151.4	2.1	7.0
General Merchandise Stores	24.1	23.3	23.7	.8	.4
Food Stores	17.6	17.3	17.3	.3	.3
Automotive Dealers and Service Stations	14.9	14.9	14.3	.0	.6
Finance, Insurance, and Real Estate	61.0	60.8	60.0	.2	1.0
Finance	24.2	24.1	23.8	.1	.4
Depository Institutions	14.5	14.4	14.3	.0	.2
Commercial Banks	12.5	12.4	12.0	.1	.5
Insurance	27.8	27.7	27.5	.1	.2
Insurance Carriers	23.8	23.8	23.6	.0	.2
Services	182.2	182.8	173.5	-.6	8.7
Business Services	40.4	40.4	37.6	.0	2.8
Personnel Supply Services	15.4	15.5	13.7	-.1	1.6
Health Services	47.6	47.5	45.4	.1	2.3
Nursing and Personal Care Facilities	8.3	8.3	8.2	.0	.1
Hospitals	22.0	22.0	21.0	.0	1.1
Legal Services	4.7	4.6	4.5	.0	.2
Educational Services	7.5	7.7	7.9	-.2	-.4
Social Services	13.5	13.3	13.0	.1	.5
Engineering and Management Services	18.6	18.5	17.8	.1	.8
Engineering and Architectural Services	4.8	4.7	4.5	.0	.3
Accounting, Auditing, and Bookkeeping	4.1	4.1	4.1	.0	.1
Research and Testing Services	6.2	6.2	6.1	.0	.1
Government	132.6	131.1	129.3	1.5	3.3
Federal Government	15.5	15.1	16.2	.4	-.8
State Government	59.8	58.6	57.3	1.2	2.5
State Government Education[h]	26.3	25.5	24.8	.8	1.4
Local Government	57.3	57.4	55.8	-.1	1.5
Local Government Education	34.8	35.0	33.9	-.2	.9

Hours and Earnings of Production or Nonsupervisory Workers[a]

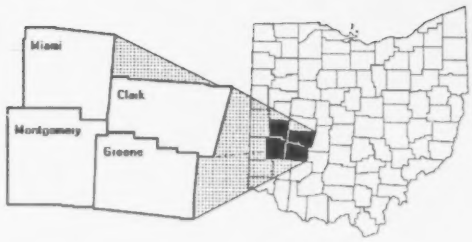
Not Seasonally Adjusted

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$541.01	$541.40	$525.64	42.7	42.9	42.7	$12.67	$12.62	$12.31
Durable Goods[f]	556.41	556.42	540.56	42.9	43.1	42.8	12.97	12.91	12.63
Stone, Clay, and Glass Products	516.95	521.73	484.57	42.2	42.8	41.1	12.25	12.19	11.79
Glass and Glassware, Pressed or Blown	455.40	466.57	452.65	41.4	42.3	41.3	11.00	11.03	10.96
Fabricated Metal Products	522.70	510.41	526.26	40.9	40.8	41.9	12.78	12.51	12.56
Industrial Machinery and Equipment	563.41	576.28	505.98	45.4	45.7	42.2	12.41	12.61	11.99
Electronic and Other Electric Equipment	607.93	565.93	530.43	45.3	43.3	43.3	13.42	13.07	12.25
Transportation Equipment	640.66	660.51	673.40	43.2	44.3	45.5	14.83	14.91	14.80
Motor Vehicles and Equipment	637.72	658.06	675.34	42.8	43.9	45.6	14.90	14.99	14.81
Instruments and Related Products	457.60	438.86	403.35	41.6	40.9	39.7	11.00	10.73	10.16
Nondurable Goods[g]	510.20	512.19	495.23	42.2	42.4	42.4	12.09	12.08	11.68
Food and Kindred Products	487.74	455.60	442.80	44.3	42.9	42.7	11.01	10.62	10.37
Dairy Products	648.26	589.58	662.13	44.8	42.6	46.4	14.47	13.84	14.27
Printing and Publishing	576.11	592.24	578.93	40.6	41.3	41.8	14.19	14.34	13.85
Chemicals and Allied Products	681.97	697.54	677.40	43.8	44.6	45.1	15.57	15.64	15.02
Rubber and Miscellaneous Plastics Products	397.94	394.42	377.24	41.8	41.3	41.5	9.52	9.55	9.09
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	439.28	421.69	451.44	34.0	33.1	34.2	12.92	12.74	13.20
Communications, Electric, Gas Services	683.32	687.75	663.71	44.0	44.2	44.1	15.53	15.56	15.05
Communications	671.76	654.23	583.95	43.2	42.4	40.3	15.55	15.43	14.49
Electric, Gas, and Sanitary Services	701.70	743.87	801.57	45.3	47.2	50.7	15.49	15.76	15.81
Wholesale Trade	412.73	412.62	398.59	38.9	39.0	38.4	10.61	10.58	10.38
Retail Trade[i]	194.45	185.36	190.94	28.1	27.1	28.8	6.92	6.84	6.63
General Merchandise Stores	226.02	204.40	212.75	29.7	27.4	30.7	7.61	7.46	6.93
Food Stores	193.72	193.01	193.60	27.4	27.3	27.5	7.07	7.07	7.04
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	469.05	468.11	435.91	....	....	....	.....	.....	.....
Depository Institutions	303.29	300.06	284.10	....	....	....	.....	.....	.....
Commercial Banks	302.83	298.97	283.96	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	253.17	247.83	225.66	33.4	33.0	32.1	7.58	7.51	7.03
Hospitals	390.25	399.94	397.66	33.7	34.3	34.4	11.58	11.66	11.56
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	510.32	499.36	486.86	39.9	38.8	39.2	12.79	12.87	12.42

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Dayton-Springfield Metropolitan Statistical Area

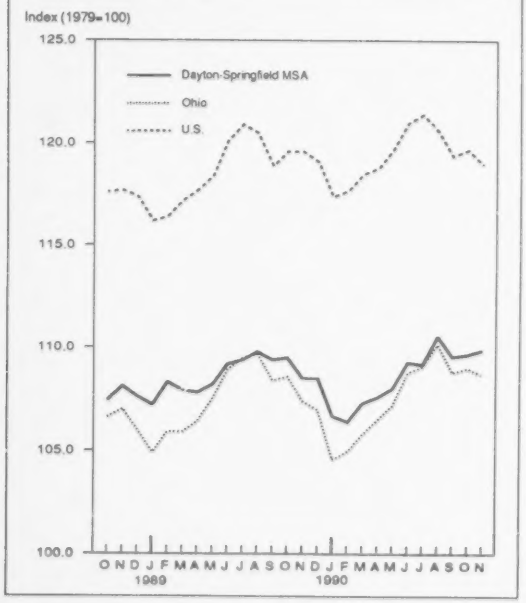


Nonfarm wage and salary employment in the Dayton-Springfield metropolitan area increased 100 above the November level to 463,100 in December 1990. Seasonal hiring in retail trade helped raise employment in service-producing industries 1,700. Reductions in manufacturing, especially rubber and miscellaneous plastics products, and less business in construction lowered employment in goods-producing industries 1,700 over the month to 120,200. Factory production workers averaged $13.66 per hour, up 12 cents from November. Their average workweek was 0.1 hours shorter at 41.6 hours.

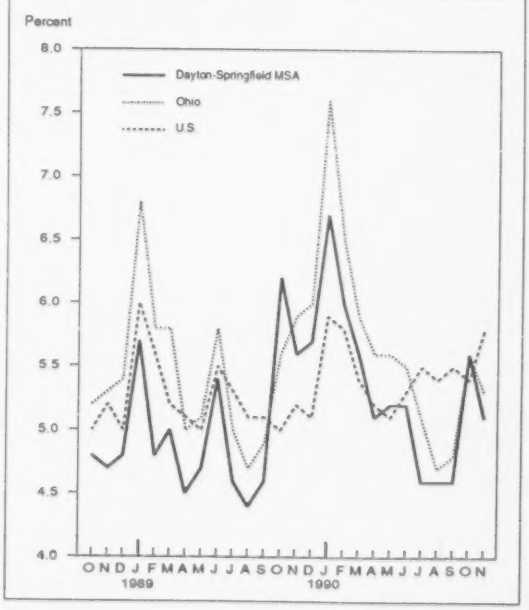
Nonagricultural payroll employment advanced 4,800 between December 1989 and December 1990. Expansion in service-producing industries created 7,200 jobs. Leading growth sectors were services, particularly business services, and retail trade. Employment in goods-producing industries dropped 2,300 due to over-the-year production cutbacks in manufacturing and modest declines in construction. Reductions in industrial machinery and equipment, rubber and miscellaneous plastics products, and fabricated metal products negated improvements in transportation equipment and paper and allied products.

Seasonally adjusted employment in the Dayton-Springfield area was unchanged from November at 457,000 in December 1990. An increase in services offset a decline in manufacturing. Since December 1989, total payroll employment advanced 4,000. Expansion in services, retail trade, transportation and public utilities, and government outweighed decreases in manufacturing and construction.

Indexes of Total Employment
Dayton-Springfield MSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Dayton-Springfield MSA, Ohio and U.S. (Not Seasonally Adjusted)



Dayton–Springfield MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.91	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
468.2	443.9	24.4	5.2	1988	437.7	105.0	67.5	548.14	43.4	12.63
478.6	454.1	24.4	5.1	1989	448.3	104.5	67.2	555.56	42.9	12.95
				1989						
480.9	453.5	27.3	5.7	December	458.3	104.3	68.0	551.51	42.1	13.10
				1990						
478.5	446.2	32.3	6.7	January	446.3	103.0	66.5	535.30	41.4	12.93
473.4	444.9	28.4	6.0	February	447.1	103.3	66.6	545.02	41.7	13.07
475.1	448.6	26.5	5.6	March	452.1	104.1	67.2	553.92	41.9	13.22
474.2	449.8	24.3	5.1	April	456.1	104.0	67.4	539.23	41.1	13.12
476.5	451.5	25.0	5.2	May	459.6	104.7	68.0	583.08	43.0	13.56
481.9	456.8	25.1	5.2	June	461.5	105.9	68.8	605.68	43.7	13.86
478.5	456.5	22.0	4.6	July	455.6	105.5	68.0	570.54	42.2	13.52
484.6	462.4	22.2	4.6	August	456.7	104.7	67.4	557.19	41.8	13.33
480.5	458.2	22.3	4.6	September	462.4	104.8	68.0	590.04	43.1	13.69
485.8	458.4	27.4	5.6	October	462.5	104.3	67.9	580.98	42.5	13.67
483.8	459.3	24.5	5.1	November	463.1	103.4	67.0	564.62	41.7	13.54
INA	INA	INA	INA	December	463.1	102.5	66.2	568.26	41.6	13.66

INA – Information not available

Dayton–Springfield MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
409	139	16	122	1979	270	16	17	68	16	80	74
397	126	15	111	1980	271	16	17	66	16	82	75
393	123	13	110	1981	270	15	18	64	16	84	74
374	108	10	97	1982	266	14	18	62	16	85	72
372	106	11	96	1983	266	14	18	63	16	85	71
393	116	12	104	1984	277	15	19	67	16	89	71
409	120	13	106	1985	289	14	19	71	17	95	72
419	121	15	106	1986	298	15	19	75	17	100	73
430	121	16	104	1987	309	16	19	78	18	104	74
438	123	17	105	1988	315	17	20	79	18	108	73
448	123	18	105	1989	326	17	21	80	18	114	76
				1989							
453	122	18	104	December	331	18	21	80	18	116	77
				1990							
453	122	18	104	January	330	18	21	81	18	115	78
454	123	18	104	February	331	18	21	81	18	116	77
457	124	18	105	March	333	18	21	82	18	117	78
456	123	18	105	April	333	18	22	82	18	117	77
458	123	18	105	May	335	18	22	82	18	117	78
459	124	18	105	June	335	18	22	82	17	117	78
459	123	18	105	July	336	18	22	82	18	118	78
460	122	17	104	August	338	19	22	82	18	118	80
458	122	17	104	September	336	19	22	82	18	118	78
457	121	17	104	October	336	18	21	82	18	118	78
457	121	17	103	November	336	19	21	82	18	118	78
457	120	17	102	December	338	19	21	82	18	120	78

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Dayton–Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	463.1	463.1	458.3	.1	4.8
Goods-Producing Industries[e]	120.2	121.9	122.5	-1.7	-2.3
Construction	17.2	18.0	17.7	-.8	-.5
Manufacturing	102.5	103.4	104.3	-.9	-1.8
Durable Goods[f]	73.1	73.5	74.8	-.4	-1.7
Fabricated Metal Products	8.1	8.2	8.5	-.1	-.4
Industrial Machinery and Equipment	30.1	30.2	31.5	-.1	-1.4
Metalworking Machinery	8.0	8.1	8.4	.0	-.4
General Industrial Machinery	3.0	3.0	3.0	.0	.0
Electronic and Other Electric Equipment	3.8	3.9	3.8	-.1	-.1
Transportation Equipment	22.7	22.8	22.3	-.1	.5
Motor Vehicles and Equipment	19.7	19.8	19.1	-.1	.6
Nondurable Goods[g]	29.4	29.9	29.5	-.4	-.1
Food and Kindred Products	2.6	2.7	2.8	-.1	-.1
Paper and Allied Products	6.4	6.4	5.9	.0	.5
Printing and Publishing	9.1	9.0	9.2	.1	-.1
Rubber and Miscellaneous Plastics Products	7.2	7.5	7.8	-.3	-.6
Service-Producing Industries	342.9	341.2	335.8	1.7	7.2
Transportation and Public Utilities	18.8	18.7	18.0	.1	.8
Transportation	12.4	12.3	11.7	.1	.7
Trucking and Warehousing	6.9	6.8	6.6	.1	.3
Communications, Electric, Gas Services	6.4	6.4	6.3	.1	.1
Communications	3.5	3.5	3.5	.0	.0
Wholesale Trade	21.6	21.5	21.4	.1	.2
Wholesale Trade-Durable Goods	15.0	14.9	14.9	.0	.0
Wholesale Trade-Nondurable Goods	6.6	6.5	6.4	.1	.2
Retail Trade	85.2	83.7	83.5	1.5	1.7
General Merchandise Stores	12.8	12.2	13.0	.6	-.2
Finance, Insurance, and Real Estate	17.7	17.6	17.7	.1	.0
Finance	9.5	9.4	9.6	.1	-.1
Depository Institutions	7.3	7.3	7.3	.0	.0
Insurance	4.6	4.5	4.4	.0	.1
Services	120.0	119.9	116.3	.1	3.7
Business Services	24.7	24.4	22.6	.2	2.0
Personnel Supply Services	7.4	7.4	6.5	.1	.9
Computer and Data Processing Services	5.7	5.6	5.1	.1	.6
Health Services	40.1	39.8	39.2	.3	.9
Nursing and Personal Care Facilities	7.2	7.2	7.2	.0	.0
Hospitals	20.3	20.2	20.0	.1	.3
Educational Services	9.1	9.4	9.0	-.3	.1
Social Services	6.1	6.1	6.0	.0	.0
Engineering and Management Services	10.1	10.2	9.9	.0	.2
Research and Testing Services	3.4	3.4	3.3	.0	.0
Government	79.6	79.8	78.9	-.2	.8
Federal Government	27.9	28.1	29.3	-.1	-1.3
State Government	7.8	7.7	7.4	.1	.3
State Government Education[h]	4.9	4.8	4.6	.1	.3
Local Government	43.9	44.0	42.2	-.1	1.7
Local Government Education	28.0	28.3	27.1	-.3	1.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

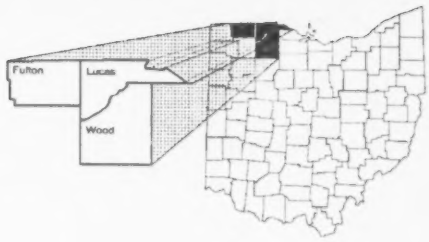
Not Seasonally Adjusted

Dayton–Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$568.26	$564.62	$551.51	41.6	41.7	42.1	$13.66	$13.54	$13.10
Durable Goods[f]	591.78	588.14	571.20	42.0	42.1	42.5	14.09	13.97	13.44
Fabricated Metal Products	399.15	388.90	403.65	40.4	40.3	41.4	9.88	9.65	9.75
Industrial Machinery and Equipment	611.89	618.32	604.88	42.7	43.3	43.8	14.33	14.28	13.81
Metalworking Machinery	605.62	612.46	620.10	44.4	45.2	46.8	13.64	13.55	13.25
General Industrial Machinery	567.46	565.95	569.05	45.8	45.9	47.5	12.39	12.33	11.98
Electronic and Other Electric Equipment	408.11	392.01	357.79	44.7	43.8	41.7	9.13	8.95	8.58
Transportation Equipment	724.87	714.81	695.88	41.9	41.9	42.2	17.30	17.06	16.49
Motor Vehicles and Equipment	725.23	716.63	693.06	41.3	41.4	41.6	17.56	17.31	16.66
Nondurable Goods[g]	503.03	498.97	495.69	40.6	40.6	41.0	12.39	12.29	12.09
Food and Kindred Products	341.64	331.39	379.95	39.0	38.4	42.5	8.76	8.63	8.94
Paper and Allied Products	514.51	520.93	489.63	43.9	44.6	43.6	11.72	11.68	11.23
Printing and Publishing	450.38	453.94	472.42	38.2	38.6	39.9	11.79	11.76	11.84
Rubber and Miscellaneous Plastics Products	635.87	615.23	606.43	39.3	38.5	38.7	16.18	15.98	15.67
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	609.86	585.67	568.51	41.8	40.7	40.9	14.59	14.39	13.90
Communications	627.94	607.87	563.81	42.2	41.1	40.1	14.88	14.79	14.06
Wholesale Trade	393.67	401.17	392.24	38.9	39.1	39.5	10.12	10.26	9.93
Retail Trade[i]	185.83	178.28	173.09	28.9	27.9	28.8	6.43	6.39	6.01
General Merchandise Stores	212.28	181.27	195.25	30.5	27.3	30.7	6.96	6.64	6.36
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	291.59	284.90	281.64	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	416.24	418.14	407.97	34.6	34.7	35.2	12.03	12.05	11.59

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

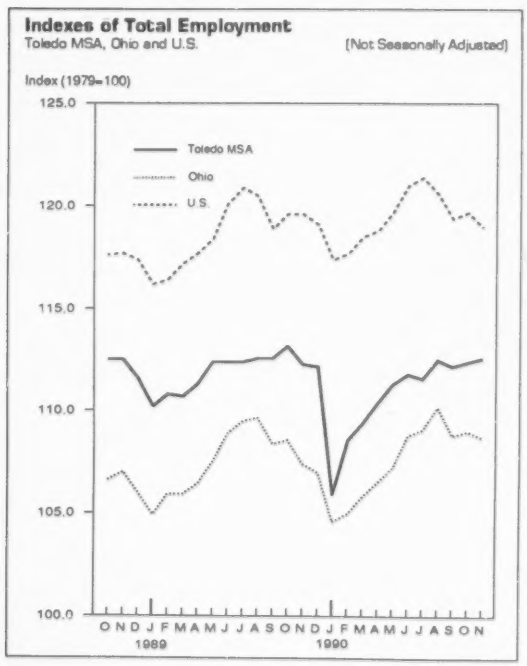
Toledo Metropolitan Statistical Area

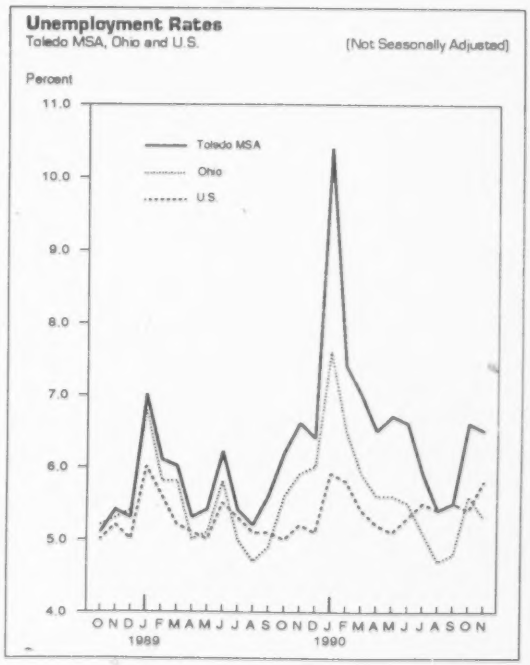


Nonagricultural payroll employment in the Toledo metropolitan area totaled 300,600 in December 1990, down 1,400 from the November level. Decreased production in durable-goods manufacturing and seasonal layoffs in construction lowered employment in goods-producing industries 2,000 to 70,300. Reductions in transportation equipment, stone, clay, and glass products, and fabricated metal products negated a nominal gain in food and kindred products. Employment in service-producing industries increased 600 as more business in retail trade outweighed decreases in state and local schools and colleges. Manufacturing production workers averaged $13.65 per hour, little changed from November. Their average workweek of 43.1 hours was 0.3 hours shorter.

Nonfarm wage and salary employment decreased 200 between December 1989 and December 1990. The workforce in goods-producing industries dropped 2,700 due to over-the-year production cutbacks in durable-goods manufacturing, especially transportation equipment, and scattered declines among manufacturers of nondurable goods. Employment in service-producing industries advanced 2,500 during the period. A major portion of the improvement occurred in services (+2,100). Modest gains were posted in wholesale trade and retail trade.

Seasonally adjusted employment in the Toledo area was 2,000 below the November level at 295,000 in December 1990 mainly due to declines in manufacturing and retail trade. Since December 1989, total payroll employment decreased 1,000 as reductions in manufacturing negated growth in services.





Toledo MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72
311.0	292.7	18.2	5.9	1988	286.6	62.7	44.9	566.78	43.2	13.12
317.9	299.0	18.9	5.9	1989	293.7	61.6	44.0	576.81	43.5	13.26
				1989						
320.3	299.7	20.6	6.4	December	300.7	60.4	43.1	565.02	43.0	13.14
				1990						
315.8	283.0	32.8	10.4	January	281.2	51.1	34.3	522.88	42.1	12.42
313.2	290.2	23.0	7.4	February	289.9	59.2	42.3	551.34	41.8	13.19
314.3	292.3	22.0	7.0	March	292.7	59.0	42.3	588.60	43.6	13.50
315.5	295.1	20.4	6.5	April	297.1	59.9	43.2	581.79	43.0	13.53
318.8	297.5	21.3	6.7	May	300.1	59.6	42.9	589.37	43.4	13.58
319.9	298.7	21.2	6.6	June	299.4	60.3	43.3	585.90	43.4	13.50
316.8	298.2	18.6	5.9	July	295.2	60.0	43.1	576.09	42.8	13.46
317.9	300.7	17.2	5.4	August	294.8	60.0	43.2	584.87	43.1	13.57
317.5	299.9	17.5	5.5	September	300.8	60.7	43.9	610.94	44.4	13.76
321.6	300.3	21.3	6.6	October	301.0	59.1	42.5	582.71	43.1	13.52
321.7	300.9	20.8	6.5	November	302.0	59.1	42.4	591.98	43.4	13.64
INA	INA	INA	INA	December	300.6	57.9	41.3	588.32	43.1	13.65

INA – Information not available

Toledo MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
268	88	10	77	1979	180	18	14	47	9	53	39
257	77	10	66	1980	180	16	14	46	9	54	40
254	76	9	66	1981	179	16	14	46	9	55	39
244	68	7	60	1982	177	14	14	44	9	57	38
245	67	7	60	1983	178	14	14	44	9	58	39
257	73	8	65	1984	184	14	15	47	10	59	39
265	74	9	66	1985	190	14	15	50	10	62	40
272	73	9	63	1986	199	14	15	52	11	67	41
278	73	10	62	1987	206	14	15	54	12	70	42
287	74	11	63	1988	213	13	15	57	12	73	42
294	74	12	62	1989	220	14	16	59	12	76	43
				1989							
296	73	12	60	December	223	15	16	59	12	77	44
				1990							
286	64	12	52	January	222	15	16	60	12	76	43
295	72	12	60	February	223	15	16	60	12	77	44
296	72	12	59	March	224	15	16	60	12	77	44
297	73	13	60	April	224	15	16	60	12	78	44
298	73	13	60	May	225	15	16	60	12	78	44
299	73	13	60	June	226	15	16	61	12	78	44
298	73	13	60	July	225	14	16	60	12	79	43
298	72	13	59	August	226	14	16	61	12	79	43
298	72	13	60	September	225	14	16	60	12	79	43
296	71	12	59	October	225	15	16	60	12	79	43
297	71	12	59	November	226	15	16	60	12	79	44
295	70	12	58	December	225	15	16	59	12	79	44

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	300.6	302.0	300.7	-1.4	-.2
Goods-Producing Industries[e]	70.3	72.3	73.0	-2.0	-2.7
Construction	12.2	13.0	12.3	-.8	-.1
Manufacturing	57.9	59.1	60.4	-1.2	-2.5
Durable Goods[f]	43.0	44.3	44.7	-1.3	-1.6
Stone, Clay, and Glass Products	7.6	7.8	7.9	-.2	-.4
Primary Metal Industries	3.7	3.6	3.3	.0	.4
Fabricated Metal Products	6.9	7.1	6.9	-.2	.0
Metal Forgings and Stampings	2.4	2.5	2.6	-.1	-.2
Industrial Machinery and Equipment	5.7	5.7	5.7	.0	.0
Transportation Equipment	12.2	13.1	14.2	-.9	-1.9
Nondurable Goods[g]	14.9	14.8	15.8	.0	-.9
Food and Kindred Products	3.7	3.5	3.9	.2	-.1
Rubber and Miscellaneous Plastics Products	4.1	4.2	4.2	.0	-.1
Service-Producing Industries	230.2	229.6	227.7	.6	2.5
Transportation and Public Utilities	14.9	14.8	15.2	.1	-.3
Transportation	9.9	9.8	10.2	.1	-.4
Communications, Electric, Gas Services	5.1	5.1	4.9	.0	.1
Wholesale Trade	16.3	16.3	15.9	.0	.4
Wholesale Trade-Durable Goods	10.8	10.8	10.5	-.1	.2
Wholesale Trade-Nondurable Goods	5.5	5.5	5.4	.0	.1
Retail Trade	62.3	61.4	61.9	.9	.4
General Merchandise Stores	9.3	8.9	9.5	.4	-.3
Finance, Insurance, and Real Estate	12.0	12.1	12.0	-.1	.0
Finance	6.3	6.3	6.3	.0	.0
Insurance	3.7	3.7	3.7	.0	.0
Services	79.2	79.2	77.1	.0	2.1
Business Services	13.8	13.8	13.7	.0	.1
Personnel Supply Services	5.3	5.4	5.3	-.1	.0
Health Services	28.4	28.3	27.7	.2	.7
Nursing and Personal Care Facilities	4.2	4.1	4.2	.0	.0
Hospitals	15.4	15.4	15.1	.0	.3
Engineering and Management Services	6.6	6.6	6.2	.0	.5
Government	45.5	45.8	45.6	-.3	-.1
Federal Government	2.6	2.6	2.6	.0	-.1
State Government	17.9	18.0	17.6	-.1	.3
State Government Education[h]	13.5	13.7	13.3	-.2	.2
Local Government	25.1	25.2	25.3	-.1	-.3
Local Government Education	15.0	15.2	15.0	-.1	.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

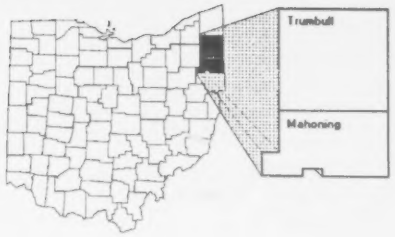
Not Seasonally Adjusted

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$588.32	$591.98	$565.02	43.1	43.4	43.0	$13.65	$13.64	$13.14
Durable Goods[f]	588.83	592.54	577.15	42.7	43.0	43.2	13.79	13.78	13.36
Stone, Clay, and Glass Products	524.48	519.55	501.23	41.2	41.3	41.7	12.73	12.58	12.02
Primary Metal Industries	504.88	532.73	548.02	43.3	45.3	46.6	11.66	11.76	11.76
Fabricated Metal Products	508.62	507.29	512.20	42.0	43.1	44.5	12.11	11.77	11.51
Metal Forgings and Stampings	758.73	725.65	654.27	44.5	43.4	41.7	17.05	16.72	15.69
Industrial Machinery and Equipment	498.38	490.88	496.17	42.2	41.6	42.7	11.81	11.80	11.62
Transportation Equipment	772.91	772.52	714.33	43.3	43.4	42.8	17.85	17.80	16.69
Nondurable Goods[g]	587.41	586.07	531.22	44.4	44.5	42.6	13.23	13.17	12.47
Food and Kindred Products	747.58	773.22	645.24	48.2	49.0	45.6	15.51	15.78	14.15
Rubber and Miscellaneous Plastics Products	362.91	367.74	358.97	41.1	41.6	40.7	8.83	8.84	8.82
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	638.93	635.73	616.10	40.8	40.7	41.6	15.66	15.62	14.81
Wholesale Trade	414.56	412.73	415.11	39.9	39.8	39.8	10.39	10.37	10.43
Retail Trade[i]	169.64	167.48	173.76	26.8	26.5	28.3	6.33	6.32	6.14
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	352.16	353.40	360.26	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State univers..ies. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor- management disputes.

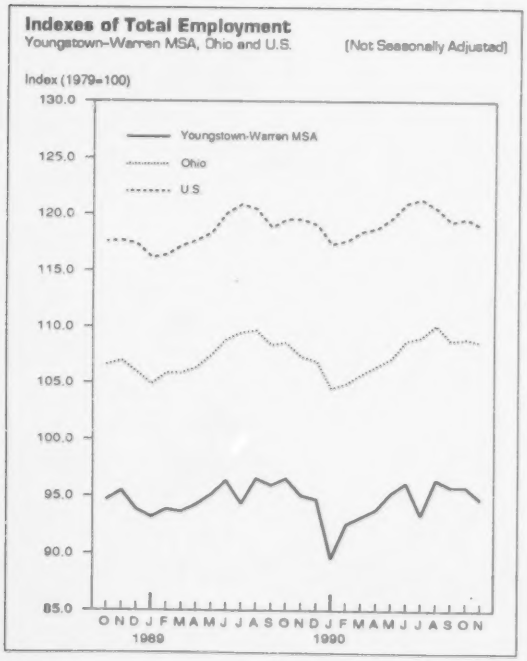
Youngstown-Warren Metropolitan Statistical Area

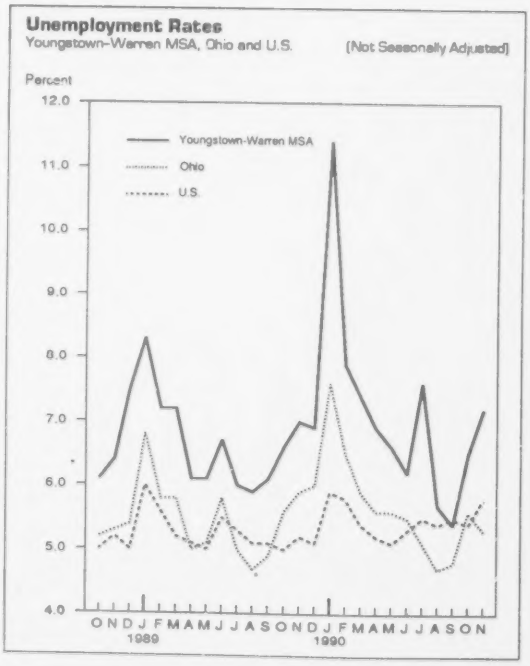


In the Youngstown-Warren metropolitan area, total nonfarm payroll employment rose 1,400 above the November level to 202,800 in December 1990. The return of nonteaching personnel in state and local schools and colleges and more business in retail trade and wholesale trade added 1,300 jobs in service-producing industries. Employment in goods-producing industries increased 100 over the month to 55,500. The return of workers from temporary shutdowns in durable-goods manufacturing, especially transportation equipment, outweighed seasonal layoffs in construction employment. Factory production workers averaged $15.24 per hour, on par with November. Their average workweek of 41.9 hours was 1.4 hours shorter.

Nonagricultural wage and salary employment advanced 700 between December 1989 and December 1990. Employment in service-producing industries rose 2,900. Leading areas of expansion were services (+1,200) and retail trade (+1,100). The workforce in goods-producing industries fell 2,200 below the year-ago level due to decreased production in durable-goods manufacturing, particularly primary metal industries. Nominal declines were posted in transportation equipment, fabricated metal products, and construction.

Seasonally adjusted employment in the Youngstown-Warren area totaled 201,000 in December 1990, up 2,000 from November. The return of workers from temporary shutdowns in manufacturing and an increase in government more than offset a decline in retail trade. Since December 1989, nonfarm payroll employment advanced 1,000. Growth in retail trade, services, and government outweighed a reduction in manufacturing.





Youngstown–Warren MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	$377.29	40.7	$ 9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.4	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30
221.3	204.9	16.4	7.4	1988	193.8	50.5	38.5	574.86	42.3	13.59
223.9	209.0	15.0	6.7	1989	198.1	50.0	37.8	599.63	42.8	14.01
				1989						
224.0	208.5	15.5	6.9	December	202.1	49.6	37.2	596.71	42.2	14.14
				1990						
222.3	197.0	25.3	11.4	January	189.0	41.5	29.2	579.83	42.2	13.74
221.0	203.7	17.4	7.9	February	196.2	49.2	36.9	591.63	41.9	14.12
221.3	205.0	16.3	7.4	March	198.2	49.3	37.0	596.24	41.9	14.23
221.7	206.5	15.2	6.9	April	200.8	49.3	37.1	602.45	42.1	14.31
224.2	209.5	14.7	6.6	May	204.4	49.8	37.5	628.72	43.3	14.52
225.7	211.6	14.1	6.2	June	205.0	50.1	37.8	636.08	43.3	14.69
222.3	205.3	17.0	7.6	July	196.4	43.6	31.2	604.56	42.1	14.36
225.2	212.3	12.8	5.7	August	201.1	48.4	36.0	605.48	41.7	14.52
222.7	210.8	11.9	5.4	September	203.9	49.0	36.8	682.12	44.7	15.26
225.3	210.8	14.6	6.5	October	204.0	48.6	36.4	664.02	43.4	15.30
224.5	208.4	16.1	7.2	November	201.4	46.6	34.5	659.89	43.3	15.24
INA	INA	INA	INA	December	202.8	47.5	35.4	638.56	41.9	15.24

INA – Information not available

Youngstown–Warren MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
214	87	7	80	1979	127	10	8	38	7	37	26
203	78	7	71	1980	125	10	8	37	7	38	26
199	75	6	67	1981	124	9	8	36	7	39	25
181	59	5	53	1982	121	8	8	35	7	39	24
177	58	5	53	1983	119	8	8	34	7	39	24
182	61	6	55	1984	121	8	8	35	7	40	23
184	60	6	53	1985	124	8	9	37	7	41	23
187	59	7	52	1986	128	8	9	37	8	43	24
188	57	7	49	1987	131	8	10	39	8	44	24
194	58	7	51	1988	135	8	10	40	8	45	24
198	58	8	50	1989	140	8	11	42	9	46	24
				1989							
200	58	8	50	December	142	8	12	42	9	47	24
				1990							
193	50	8	42	January	143	8	12	43	9	47	25
201	58	8	50	February	143	8	12	43	9	47	24
201	58	8	49	March	143	8	12	43	9	48	24
201	58	8	49	April	144	8	12	43	9	48	24
202	58	8	50	May	144	8	12	43	9	48	25
202	58	8	50	June	144	8	12	43	9	48	24
197	53	8	45	July	144	8	12	43	9	48	25
202	57	8	49	August	145	8	12	44	9	48	25
202	57	8	48	September	145	8	12	43	9	48	25
201	56	8	48	October	145	8	12	44	9	48	25
199	55	8	46	November	145	8	12	44	9	48	24
201	56	8	47	December	145	8	12	43	9	48	25

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	202.8	201.4	202.1	1.4	.7
Goods-Producing Industries[e]	55.5	55.4	57.7	.1	-2.2
Construction	7.5	8.3	7.7	-.8	-.2
Manufacturing	47.5	46.6	49.6	.9	-2.1
Durable Goods[f]	42.4	41.3	44.5	1.1	-2.1
Primary Metal Industries	17.0	17.2	18.1	-.3	-1.1
Blast Furnace and Basic Steel Products	6.0	6.0	5.9	.0	.1
Fabricated Metal Products	7.3	7.3	7.5	.0	-.2
Metal Forgings and Stampings	3.9	3.9	4.0	.0	.0
Industrial Machinery and Equipment	4.2	4.1	4.3	.0	-.1
Transportation Equipment	9.0	7.7	9.4	1.3	-.3
Nondurable Goods[g]	5.2	5.4	5.2	-.2	.0
Service-Producing Industries	147.3	146.0	144.4	1.3	2.9
Transportation and Public Utilities	7.9	7.9	8.0	.0	.0
Wholesale Trade	12.0	11.8	*11.6	.2	.3
Wholesale Trade-Durable Goods	7.2	7.2	7.2	.0	.0
Wholesale Trade-Nondurable Goods	4.8	4.6	4.5	.2	.3
Retail Trade	44.6	44.3	43.5	.4	1.1
General Merchandise Stores	5.7	5.5	5.9	.2	-.2
Finance, Insurance, and Real Estate	8.6	8.6	8.7	.0	-.1
Finance	4.7	4.7	4.7	.0	.0
Services	48.2	48.2	46.9	.0	1.2
Health Services	21.5	21.4	21.3	.1	.2
Nursing and Personal Care Facilities	4.9	4.9	4.8	.0	.0
Hospitals	10.7	10.7	10.8	.0	-.1
Government	25.9	25.2	25.5	.7	.4
State Government	4.6	4.2	4.5	.5	.1
State Government Education[h]	3.1	2.7	3.1	.5	.1
Local Government	19.3	19.1	18.8	.2	.5
Local Government Education	12.7	12.4	12.4	.2	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$638.56	$659.89	$596.71	41.9	43.3	42.2	$15.24	$15.24	$14.14
Durable Goods[f]	655.92	682.08	613.10	42.1	43.5	42.4	15.58	15.68	14.46
Primary Metal Industries	660.51	670.12	627.68	41.0	41.7	40.6	16.11	16.07	15.46
Blast Furnace and Basic Steel Products	682.91	697.34	608.89	47.0	47.6	43.9	14.53	14.65	13.87
Fabricated Metal Products	632.27	717.10	582.58	41.9	45.3	42.9	15.09	15.83	13.58
Metal Forgings and Stampings	795.08	930.02	682.13	44.0	49.0	43.2	18.07	18.98	15.79
Industrial Machinery and Equipment	520.80	505.11	515.30	42.0	41.2	42.1	12.40	12.26	12.24
Transportation Equipment	815.36	868.80	741.01	45.5	48.0	46.4	17.92	18.10	15.97
Nondurable Goods[g]	455.26	440.59	405.73	39.9	41.1	39.7	11.41	10.72	10.22
Wholesale Trade	374.50	377.00	378.02	37.6	37.7	38.3	9.96	10.00	9.87
Retail Trade[f]	189.39	181.04	186.91	28.1	26.9	28.8	6.74	6.73	6.49
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	229.23	229.61	220.51	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Minor Metropolitan Areas

Hamilton–Middletown PMSA
Nonfarm wage and salary employment in the Hamilton-Middletown metropolitan area totaled 98,200 in December 1990, unchanged from the November level. Seasonal growth in retail trade raised employment in the service-producing sector 200. Declines in construction and mining lowered employment in goods-producing industries 200 to 27,000. Manufacturing production workers averaged $14.39 per hour, down 8 cents from November. Their average workweek was 0.4 hours shorter at 45.7 hours. Nonagricultural payroll employment rose 1,500 between December 1989 and December 1990. The improvement was concentrated in service-producing industries. Primary growth industries were state and local government, retail trade, and services, especially health services. Employment in goods-producing industries dropped 1,200 due to reductions in manufacturing, particularly industrial machinery and equipment and paper and allied products.

Lima MSA
In the Lima metropolitan area, nonagricultural payroll employment totaled 74,700 in December 1990, down 800 from November. Temporary cutbacks in manufacturing, especially transportation equipment, and seasonal layoffs in construction and mining lowered employment in goods-producing industries 1,200 to 25,200. Seasonal hiring in retail trade helped raise employment in service-producing industries 500. Manufacturing production workers averaged $13.30 per hour, down 17 cents from November. Their average workweek of 42.4 hours was 0.4 hours shorter. Nonfarm wage and salary employment rose 900 between December 1989 and December 1990. Service-producing industries added 2,400 jobs. Primary growth industries were services, particularly health services, retail trade, and local government. The workforce in goods-producing industries dropped 1,500 due to over-the-year production cutbacks in durable-goods manufacturing, especially transportation equipment.

Lorain–Elyria PMSA
Nonagricultural payroll employment in the Lorain-Elyria metropolitan area rose 1,300 above the November level to 91,400 in December 1990. Employment in goods-producing industries increased 1,100 to 30,200. The return of workers from temporary shutdowns in durable-goods manufacturing, especially transportation equipment, outweighed seasonal decreases in construction and mining. The service-producing sector added 200 jobs as gains in retail trade offset nominal declines in services. Manufacturing production workers averaged $13.12 per hour, up 34 cents from November. Their average workweek of 43.0 hours was 0.2 hours shorter. Nonfarm wage and salary employment advanced 1,000 between December 1989 and December 1990. The workforce in service-producing industries increased 600 over the year. Expansion in retail trade and local government overshadowed reductions in services. Slight growth in manufacturing and construction and mining raised employment in the goods-producing sector 400. Increased production in nondurable goods, primary metal industries, and transportation equipment outweighed a reduction in fabricated metal products.

Mansfield MSA
Nonfarm wage and salary employment in the Mansfield metropolitan area totaled 59,600 in December 1990, up 100 from the November level. More business in retail trade and services offset nominal declines in local government to raise employment in the service-producing sector 300. Slight reductions in construction and mining and manufacturing lowered employment in goods-producing industries 100 over the month to 19,800. Factory production workers averaged $13.86 per hour, down 5 cents from November. Their average workweek of 40.4 hours was 0.7 hours shorter. Nonagricultural payroll employment fell 1,200 between December 1989 and December 1990. Goods-producing industries lost 1,300 jobs over the year due to reduced production in durable-goods manufacturing, especially fabricated metal products and electronic and other electric equipment. Employment in service-producing industries advanced 100. Growth in services and retail trade outweighed declines in local government, wholesale trade, and finance, insurance, and real estate.

Steubenville–Weirton MSA
In the Steubenville-Weirton metropolitan area, nonagricultural payroll employment totaled 53,500, down 200 from November. The workforce in service-producing industries declined 100. Less business in services negated nominal gains in retail trade. Employment in goods-producing industries, at 20,100, was unchanged over the month. Manufacturing production workers averaged $11.66 per hour, down 24 cents from November. Their average workweek was 0.7 hours shorter at 44.0 hours. Nonfarm wage and salary employment advanced 700 between December 1989 and December 1990. Increases in local government, services, and retail trade raised employment in the service-producing sector 600. Growth in construction and nondurable-goods manufacturing more than offset reductions in durable-goods manufacturing, especially primary metal industries.

Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Nov. 1990[b]	Oct. 1990[c]	Nov. 1989[c]	From Last Month	From Last Year
Civilian Labor Force	132.8	133.3	132.8	-.6	.0
Employment	126.1	125.4	124.9	.7	1.2
Unemployment	6.7	7.9	7.9	-1.2	-1.2
Unemployment Rate	5.0	5.9	5.9		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	98.2	98.2	96.7	.0	1.5
Goods–Producing Industries	27.0	27.2	28.1	-.2	-1.2
Construction and Mining	5.8	6.0	5.9	-.2	-.1
Manufacturing	21.1	21.1	22.2	.0	-1.1
Durable Goods	14.5	14.4	15.4	.1	-.9
Primary Metal Industries	7.2	7.1	7.1	.1	.1
Fabricated Metal Products	2.4	2.4	2.4	.0	-.1
Industrial Machinery and Equipment	2.1	2.0	2.5	.0	-.4
Nondurable Goods	6.6	6.7	6.8	.0	-.1
Paper and Allied Products	4.6	4.7	4.8	.0	-.2
Paper Mills	3.4	3.4	3.6	.0	-.2
Service–Producing Industries	71.2	71.1	68.6	.2	2.7
Transportation and Public Utilities	3.6	3.6	3.4	.0	.2
Wholesale Trade	5.7	5.7	5.6	.0	.1
Wholesale Trade–Durable Goods	3.9	3.9	3.9	.0	.1
Retail Trade	18.5	18.2	17.7	.3	.8
Food Stores	3.0	3.0	3.0	.0	.1
Finance, Insurance, and Real Estate	4.6	4.6	4.7	.0	-.2
Services	19.5	19.6	19.0	.0	.5
Health Services	8.9	8.8	8.3	.1	.6
Government	19.4	19.5	18.1	-.1	1.2
State Government (Includes Education)	8.3	8.3	7.8	.0	.6
Local Government	10.4	10.5	9.7	-.1	.6
Local Government Education	7.0	7.1	6.4	-.1	.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$657.62	$667.07	$610.58	45.7	46.1	45.6	$14.39	$14.47	$13.39
Durable Goods	688.67	695.27	615.17	46.5	46.6	45.3	14.81	14.92	13.58
Primary Metal Industries	764.64	774.41	685.95	48.0	48.1	46.6	15.93	16.10	14.72
Fabricated Metal Products	543.54	572.91	530.93	42.2	43.7	43.2	12.88	13.11	12.29
Industrial Machinery and Equipment	612.26	616.77	665.28	46.0	46.2	50.4	13.31	13.35	13.20
Nondurable Goods	582.54	596.29	600.32	43.8	44.8	46.5	13.30	13.31	12.91
Paper and Allied Products	625.55	635.08	630.84	46.2	46.8	47.9	13.54	13.57	13.17
Paper Mills	622.89	616.50	651.36	45.4	45.0	48.5	13.72	13.70	13.43
Wholesale Trade	438.45	445.46	426.42	40.9	41.4	41.2	10.72	10.76	10.35
Retail Trade[f]	179.76	180.12	171.09	28.0	28.1	28.9	6.42	6.41	5.92

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Nov. 1990[b]	Oct. 1990[c]	Nov. 1989[c]	From Last Month	From Last Year
Civilian Labor Force	78.9	80.0	78.9	-1.1	.0
Employment	74.4	74.3	73.2	.1	1.2
Unemployment	4.5	5.7	5.6	-1.3	-1.2
Unemployment Rate	5.7	7.2	7.1		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	74.7	75.5	73.8	-.8	.9
Goods-Producing Industries	25.2	26.4	26.7	-1.2	-1.5
Construction and Mining	3.2	3.4	3.1	-.3	.0
Manufacturing	22.0	23.0	23.6	-1.0	-1.5
Durable Goods	15.7	16.6	17.3	-.9	-1.6
Fabricated Metal Products	2.9	3.0	2.8	-.1	.1
Industrial Machinery and Equipment	3.9	3.9	4.1	.0	-.2
Transportation Equipment	6.3	7.2	7.6	-.8	-1.2
Motor Vehicles and Equipment	2.7	3.6	3.6	-.8	-.9
Nondurable Goods	6.3	6.4	6.2	.0	.1
Food and Kindred Products	1.9	1.9	1.8	.0	.1
Rubber and Miscellaneous Plastics Products	2.1	2.1	2.1	.0	.0
Service-Producing Industries	49.5	49.0	47.1	.5	2.4
Transportation and Public Utilities	3.3	3.3	3.1	.0	.2
Wholesale Trade	3.5	3.5	3.5	.0	.0
Retail Trade	15.3	15.0	14.7	.3	.6
General Merchandise Stores	2.5	2.4	2.3	.1	.1
Finance, Insurance, and Real Estate	2.1	2.1	2.1	.0	.0
Services	15.4	15.5	14.3	-.1	1.1
Health Services	6.8	6.8	6.4	.0	.4
Hospitals	3.2	3.2	3.1	.0	.1
Government	9.8	9.7	9.5	.1	.4
Local Government	7.4	7.3	7.0	.2	.4
Local Government Education	4.6	4.4	4.3	.1	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Lima MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$563.92	$576.52	$567.60	42.4	42.8	43.0	$13.30	$13.47	$13.20
Durable Goods	561.43	572.18	571.13	42.5	42.7	43.3	13.21	13.40	13.19
Fabricated Metal Products	357.69	358.40	370.30	40.1	40.0	41.7	8.92	8.96	8.88
Industrial Machinery and Equipment	520.38	488.36	488.04	42.9	42.1	42.0	12.13	11.60	11.62
Transportation Equipment	696.08	721.14	717.66	42.6	43.6	44.3	16.34	16.54	16.20
Motor Vehicles and Equipment	805.37	820.32	797.74	44.3	45.7	45.9	18.18	17.95	17.38
Nondurable Goods	572.32	589.61	555.18	42.3	43.1	41.9	13.53	13.68	13.25
Food and Kindred Products	414.92	406.43	385.93	44.0	43.1	41.1	9.43	9.43	9.39
Rubber and Miscellaneous Plastics Products	605.87	645.13	529.58	43.0	45.4	42.4	14.09	14.21	12.49
Wholesale Trade	374.22	375.94	371.52	38.5	38.4	38.7	9.72	9.79	9.60
Retail Trade[j]	191.82	180.71	193.75	30.4	29.1	31.2	6.31	6.21	6.21
General Merchandise Stores	203.05	172.62	192.20	31.0	27.4	31.0	6.55	6.30	6.20

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [j]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Nov. 1990[b]	Oct. 1990[c]	Nov. 1989[c]	From Last Month	From Last Year
Civilian Labor Force	119.0	118.8	117.6	.2	1.3
Employment	106.3	111.0	108.7	-4.7	-2.4
Unemployment	12.6	7.8	8.9	4.9	3.7
Unemployment Rate	10.6	6.5	7.6		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	91.4	90.1	90.4	1.3	1.0
Goods–Producing Industries	30.2	29.1	29.9	1.1	.4
Construction and Mining	4.1	4.4	4.1	-.3	.1
Manufacturing	26.1	24.7	25.8	1.4	.3
Durable Goods	21.2	19.7	21.2	1.5	.0
Primary Metal Industries	4.4	4.4	4.2	.0	.2
Fabricated Metal Products	4.0	4.1	4.3	.0	-.3
Transportation Equipment	5.4	3.8	5.3	1.6	.1
Nondurable Goods	4.9	5.0	4.6	-.1	.3
Service–Producing Industries	61.2	61.0	60.5	.2	.6
Transportation and Public Utilities	3.5	3.5	3.5	.0	.0
Wholesale Trade	2.5	2.4	2.4	.0	.0
Retail Trade	17.7	17.5	17.2	.2	.5
Finance, Insurance, and Real Estate	3.2	3.3	3.2	.0	.0
Services	20.5	20.6	20.6	-.1	-.2
Health Services	8.6	8.7	8.5	.0	.1
Hospitals	4.1	4.1	4.1	.0	.0
Government	13.8	13.8	13.5	.0	.3
Local Government	11.8	11.8	11.5	.0	.3
Local Government Education	8.0	8.1	7.9	.0	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$564.16	$552.10	$528.78	43.0	43.2	41.9	$13.12	$12.78	$12.62
Durable Goods	601.87	589.62	553.71	43.9	44.1	42.3	13.71	13.37	13.09
Primary Metal Industries	697.90	690.65	624.26	47.9	47.5	44.4	14.57	14.54	14.06
Fabricated Metal Products	442.38	426.54	435.60	43.8	42.4	44.0	10.10	10.06	9.90
Transportation Equipment	698.42	698.42	660.49	41.4	41.4	40.2	16.87	16.87	16.43
Nondurable Goods	389.22	395.00	402.59	39.0	39.5	39.9	9.98	10.00	10.09
Wholesale Trade	372.45	374.57	359.29	38.2	38.3	37.9	9.75	9.78	9.48
Retail Trade[j]	164.80	161.51	163.91	26.2	25.8	26.1	6.29	6.26	6.28

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [j]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Nov. 1990[b]	Oct. 1990[c]	Nov. 1989[c]	From Last Month	From Last Year
Civilian Labor Force	64.1	65.2	65.7	-1.1	-1.6
Employment	59.5	59.7	60.9	-.2	-1.4
Unemployment	4.6	5.5	4.8	-.9	-.2
Unemployment Rate	7.3	8.5	7.3		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	59.6	59.5	60.8	.1	-1.2
Goods-Producing Industries	19.8	19.9	21.1	-.1	-1.3
Construction and Mining	2.2	2.3	2.1	-.1	.1
Manufacturing	17.6	17.7	19.0	-.1	-1.4
Durable Goods	15.6	15.7	17.0	.0	-1.3
Fabricated Metal Products	5.3	5.3	5.7	.0	-.4
Electronic and Other Electric Equipment	3.0	3.0	3.3	.0	-.3
Nondurable Goods	2.0	2.0	2.0	.0	.0
Service-Producing Industries	39.8	39.6	39.7	.3	.1
Transportation and Public Utilities	3.0	3.0	3.0	.0	.0
Wholesale Trade	2.2	2.2	2.2	.0	-.1
Retail Trade	12.4	12.2	12.2	.2	.2
Finance, Insurance, and Real Estate	2.3	2.3	2.4	.0	-.1
Services	12.7	12.6	12.5	.2	.3
Health Services	4.5	4.5	4.4	.0	.1
Government	7.2	7.3	7.4	-.1	-.2
Local Government	5.5	5.5	5.7	-.1	-.2
Local Government Education	4.0	4.1	3.9	-.1	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Mansfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$559.94	$571.70	$557.88	40.4	41.1	42.2	$13.86	$13.91	$13.22
Durable Goods	577.60	589.74	573.91	40.0	40.7	41.8	14.44	14.49	13.73
Fabricated Metal Products	727.41	694.98	698.89	40.1	39.0	41.9	18.14	17.82	16.68
Electronic and Other Electric Equipment	466.49	475.15	452.86	41.8	42.5	41.7	11.16	11.18	10.86
Nondurable Goods	395.85	409.90	402.58	43.5	44.7	45.8	9.10	9.17	8.79
Wholesale Trade	335.47	336.80	330.26	39.7	40.0	38.9	8.45	8.42	8.49
Retail Trade[f]	178.92	175.26	163.80	28.0	27.6	27.3	6.39	6.35	6.00

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[f]Depressed due to labor-management disputes.

Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Nov. 1990[b]	Oct. 1990[c]	Nov. 1989[c]	From Last Month	From Last Year
Civilian Labor Force	57.4	57.9	56.5	-.5	.9
Employment	54.0	54.1	52.7	.0	1.4
Unemployment	3.4	3.8	3.8	-.5	-.4
Unemployment Rate	5.9	6.6	6.8		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	From Last Month	From Last Year
Total	53.5	53.7	52.8	-.2	.7
Goods–Producing Industries	20.1	20.2	19.9	.0	.2
Mining	1.0	1.0	1.0	.0	.0
Construction	2.0	2.0	1.4	.0	.6
Manufacturing	17.1	17.2	17.6	.0	-.4
Durable Goods	15.4	15.4	16.1	.0	-.6
Primary Metal Industries	12.2	12.2	12.7	.0	-.5
Nondurable Goods	1.7	1.7	1.5	.0	.2
Service–Producing Industries	33.4	33.5	32.8	-.1	.6
Transportation and Public Utilities	3.4	3.3	3.3	.1	.0
Wholesale Trade	1.3	1.3	1.3	.0	.0
Retail Trade	9.8	9.7	9.7	.2	.1
General Merchandise Stores	1.9	1.9	2.0	.1	.0
Finance, Insurance, and Real Estate	1.7	1.7	1.7	.1	.0
Services	10.8	11.2	10.6	-.4	.2
Health Services	4.6	4.7	4.5	-.1	.1
Hospitals	2.3	2.4	2.4	-.1	-.1
Government	6.4	6.4	6.1	.1	.3
Local Government	5.6	5.5	5.3	.1	.3
Local Government Education	3.6	3.5	3.4	.0	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]	Dec. 1990[b]	Nov. 1990[c]	Dec. 1989[c]
Manufacturing	$513.04	$531.93	$519.94	44.0	44.7	44.1	$11.66	$11.90	$11.79
Durable Goods	538.19	559.97	542.53	44.7	45.6	44.8	12.04	12.28	12.11
Primary Metal Industries	573.54	599.74	578.34	45.7	46.6	45.9	12.55	12.87	12.60
Nondurable Goods	235.50	237.57	218.13	35.9	35.3	34.9	6.56	6.73	6.25
Wholesale Trade	341.82	337.39	341.25	39.7	39.6	39.0	8.61	8.52	8.75
Retail Trade[f]	179.18	167.36	165.25	28.9	27.8	28.2	6.20	6.02	5.86

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[f]Depressed due to labor-management disputes.

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence. Civilian labor force data for the metropolitan areas is not available for the current month.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1987) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 12,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	42	.2
Goods–Producing Industries	51	.4
Mining	52	1.4
Construction	19	1.4
Manufacturing	57	.4
Service–Producing Industries	38	.2
Transportation and Public Utilities	45	.3
Wholesale Trade	22	.3
Retail Trade	21	.4
Finance, Insurance, and Real Estate	43	.3
Services	34	.3
Government	71	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 0.2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1989 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, selected Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	December 1990	November 1990	December 1989
New Applicants	26,834	28,229	27,168
Applicants Active This Program Year	402,429	372,537	469,648
Counseling Interviews	748	788	827
Tests Administered	945	711	922
General Aptitude Tests	444	183	169
Proficiency Tests	302	283	261
Specific Aptitude Tests	0	0	0
Referrals to Jobs	12,788	16,479	14,170
Placements	3,303	3,401	2,851
Job Openings Received	INA	INA	5,094
Job Openings Unfilled	16,419	18,234	13,794

INA – Information not available

Selected Unemployment Insurance Activities

	Ohio		
	December 1990	November 1990	December 1989
Initial Claims	131,641	93,512	102,739
Continued Claims	536,062	399,633	416,398
First Payments	44,578	31,901	36,670
Last Payments	5,570	6,079	5,032
Average Weekly Claimants	120,592	88,898	98,619
Average Weekly Benefit Recipients	96,004	71,653	78,983
Weeks Compensated	401,836	332,705	341,684
Benefits Paid	$69,059,700	$55,834,286	$55,533,092
Average Weekly Payment	$176.02	$172.22	$169.59
Continued Claims for Survey Week	123,543	102,460	101,213
Insured Unemployment Rate	2.6	1.9	2.2
Net Contributions	$3,737,498	$69,450,188	$4,649,244
Active Employer Accounts	207,701	207,403	205,964

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